

9/136.

PALESTINE GOVERNMENT.

(651)

Public Works Headquarters

Construction of road from
Arrabeh to Kefar Rai & Extension
through Illar & Zeitia to Tulharm - Barkur Road.

Opened on :- 19/6/1939.

9/136.

	
Roads Construction of Road from Araba to & Kafr Rac and extension through Illar,	
שם תיק : מ-1/4117	
03/04/2016	תאריך הדפסון
0005w3	מזהה פריט
2-108-5-9-2	כתובת
ממשלת המנדט	

51
GOVERNMENT OF PALESTINE

PUBLIC WORKS DEPARTMENT,
NABLUS.

No. 14/2/84.

16th November, 1943.

Actg. Director of Public Works.

Sub:- Contracts.

Ref:- Your 9/136 of
5.11.1943.

The total figure of
the above Contract should read
LP.1140.405 mils.

2. Covering Variation

..... Order No.2 is attached, please.

CENTRAL REGISTER

File No. 9/136 *Hy Inlos*

19. NOV. 1943

DISTRICT ENGINEER
NABLUS DISTRICT

P.W.D. No. 68/HZ. Jerusalem

NO. 14/2/34.

NABLUS.

18th Nov., 1943.

Messrs.

Sa'id Mohammad 'Oheid and
 Mousa Mustafa el 'Ali,
 Murhtar of Kafr Ra'i Village,
Jenin.

Variation Order

NO. 2.

REGISTERED

Subject:- Supply of Soling Stones.
 Ref'nc:- Agreement NO. HAC/34 dated
 19.9.1943.

CR 11/346 28

In pursuance of Clause 3 of the above
 Agreement, you are hereby notified with the following
 Variations:-

DEDUCTIONS.

- 1) Supply of haunch stones 2340.00K
 @ P. 0.045 = P. 105.300
- 2) Supply of hand-broken
 metal @ 429.10 M3
 @ P. 0.460 = P. 197.346
- 3) Supply of soling stones,
 158.90M3 @ P. 0.540 = P. 85.806

ADDITIONS.

- 1) Supply and stack soling stones,
 1116 M3 @ P. 0.150 = P. 167.400
- Net Deductions = P. 323.995

Therefore net amount of Contract
 should read

File No. 9/136
 19. NOV. 1943

P. 1352.400
 P. 323.995
P. 1028.405

my Bulo
DISTRICT ENGINEER

Copy to:- Asst. Director of Public Works, NABLUS DISTRICT

- " Auditor.
 " Sub-Accountant, Nablus.
 " Foreman, Jenin.
 " Accounts.

77/HZ.

44

9/136.

5th November, 1943.

District Engineer,
Nablus District.

Subject : Contracts.

Reference: Your contract
WA/84 of 19.9.42.

The total figure in my
books after allowing for
variation orders is
LP.1634.000.

Please confirm.

(Sgd.) R. W. Price

Actg. DIRECTOR OF PUBLIC
WORKS

2. **REPLIED** 51

RECEIVED

GOVERNMENT OF PALESTINE

48

PUBLIC WORKS DEPARTMENT,
HAJLUS.

No. 14/2/35.

7th May, 1943.

Musni Eff. El Haj

Mukhtar of 'Illar, **REGISTERED**
'Illar.

VARIATION ORDER NO. 2.

Subject :- Kafir Ra'1-'Illar
Road.

Reference :- Agreement HAC/85
of 22.9.42.

Pursuant to Clause 2 of
above, please note that the time
allowed for completion of above
work is hereby extended by
44 days.

(Sd/-) E. J. W. BOLDEN

DISTRICT ENGINEER
HAJLUS DISTRICT

CENTRAL REGISTRY

Acting Director of
Public Works.

Sd/- No. 9/136 Auditor.

11 MAY 1943

Sub-Accountant,
Hajlus.

P.W.D.

Haifa, Jenin.

76/SH.

Handwritten notes in purple ink, including "100" and "100/100".

Entered as "..."
Entered in "..."
CENTRAL REGISTER
11 MAY 1943
...

GOVERNMENT OF PALESTINE

47

No. 14/2/78.a.

PUBLIC WORKS DEPARTMENT,
NABLUS.

Muhammed Eff. Dawud 'Abdul Hadi, 25th March, 1943.
c/o P.W.D. Foreman, Jenin.

VARIATION ORDER NO.1.

Subject :- Agreement NAC/78 - REGISTERED
Supply of Soling, Metal =====
and Haunch Stones
between Km.96.500 and a *any 70*
point 2 kms. along
proposed road from Km.96.5
on Nablus-Jenin Road. *CR 11/298*

Pursuant to Clause 8 of the above mentioned Agreement, you are hereby informed that the following decrease is made in the work:-

Decrease.

1. Supply of Soling Stones -	
943.36 M3 @ 380 mils	= LP.358.477 mils.
2. Supply of Metal -	
455.40 M3 @ 490 mils	= 223.145
3. Supply of Haunch Stones -	
3250 M.R. @ 50 mils	= 162.500
Total	= <u>LP.744.123 mils.</u>

2. As this variation decreases the amount of the work contemplated in the above Agreement, the time allowed for completion of same is hereby reduced by 20 days.

9/136.
28 MAR 1943

[Signature]
DISTRICT ENGINEER
NABLUS DISTRICT

✓ Copy to :- Acting Director of Public Works.
Auditor, *Jordan*
Sub-Accountant, Nablus.
Foreman, Jenin.
Accounts.

GOVERNMENT OF PALESTINE

PUBLIC WORKS DEPARTMENT,
NABLUS.

No. 2/8.

12th February, 1943.

Actg. Director of Public Works.

Subject :- Zeita-'Illar Road.
Supply of stones
and metal.

Reference:- Your 9/136 of 3.2.43.

In view of your verbal instruction regarding stoppage of works on the following roads, it appears that no action need be taken on your letter under reference:-

- (a) Zeita-'Illar-Kafr Ra'i Km. 96.5
- (b) Baqa El Gharbiya-Km. 99.

I therefore propose to file the tender documents in this office.

9/136
14 FEB 1943

DISTRICT ENGINEER
NABLUS DISTRICT.

GOVERNMENT OF ALABAMA

CC

PUBLIC WORKS DEPARTMENT

MOBILE

12th February, 1943.

Mr. Director of Public Works

Subject: - Repair - Miller Road.
Supply of material
and metal.

Reference: - Your letter of 2.2.43.

In view of your verbal
instruction regarding stoppage
of works on the following road,
it appears that no action need
be taken on your letter under
reference:-

- (a) Miller-Kennett Rd. 1.2.43.
- (b) Page VI Highway No. 99.

As per letter of 2.2.43
the work on the above
road is to be stopped
until further notice.

Yours faithfully,
[Signature]

Mr. Director of Public Works
Mobile

12th February 1943

9/136

P.W.D. Jerusalem
February 13th, 1943

District Engineer,
Neblus District

Subject : Military Roads.

I have to confirm having informed you this morning that all works on the under mentioned roads should be stopped (subject to the remarks made below) namely :-

S/60 Km. 96 - Fshma-Kfar Rei - Iller-Zeita-Tulkarm Rd.
S/59 Km. 99 - Faga.

2. In connection with stopping the work there should be no difficulty so far as Departmental work is concerned and as regards contracts you will have to consider what will be the most satisfactory and cheapest means of doing so. Possible courses appear to be :

- (a) If legally possible under the contract, to issue a Variation Order; omitting all works which still remain to be done,
- (b) instructing any contractors who may be engaged on road works to stop work and pay them compensation, if the contract agreement specifies such to be necessary,
- (c) continuing to carry out the work until the individual contracts have been completed.

In this connection therefore it is for you to decide whether alternative (b) or (c) is the cheaper assuming that it is not possible to issue a variation order as indicated in (a).

3. All materials, such as cement, timber, reinforcing bars, and perhaps sand, should be salvaged and used on other works, also any precast culverts that have not been incorporated in the road and suitable financial adjustments made between votes. Materials such as edging stone, haunch stones, and metal should be left on site, but in order to safeguard them as much as possible, you should engage maintenance men whose job it will be to keep an eye on them as far as may be possible, in order that they should not be carted away by troops or by the inhabitants of the area.

4. In view of the closing down of the work on these roads please inform me by return of post what plant which this Department has received from the Military Authorities can be released in order that it may be returned to them as a result of the closing down of the work. In this connection plant which may be released would appear to be: road rollers, crushers, granulators, concrete-mixers, bitumen boilers, and compressors.

5. In deciding what plant can be released you should keep in mind that some will still be needed to carry on with Military works which for present purposes may be considered to be :-

- (a) Construction of Military Roads and Bridges.
- (b) Maintenance of Military Roads and Convoy Routes.

P.T.O.

151/8
(c) Maintenance of P.W.D. Main Roads.

(d) Erection of Police Buildings as far as plant is required for the supply of metal and chippings for concrete and other works, provided that such materials are being supplied departmentally and not on contract.

(e) Maintenance of Airports.

(f) Supply of metal and chippings for Food Production schemes, provided such materials are not being obtained under contract.

(g) Maintenance of Harbour works and Construction of extraordinary works in Port Areas.

6. The necessity for releasing plant is urgent and you should be guided by the principle that unless it is essential for the execution of works called for, and likely to be proceeded with, the plant should be made available for return to the Army. The P.W.D. number of every unit which you can release should be given in your reply.

7. I have now been informed by the Chief Engineer that the Gravelators you require cannot be released, your letter No. 8778 of 29.1.1943 refers.

6/4/4

141A-8778

KU. H. H. J. 1943

Actg. DIRECTOR OF PUBLIC WORKS.

Copy to: 2/80
8/64
9/122
9/164.

9/131.

8/78.

8/80.

8/60.

9/122.

83.

9/136

P.W.D. Jerusalem
February 13th, 1943

District Engineer,
Nablus District

Subject : Military Roads.

I have to confirm having informed you this morning that all works on the under mentioned roads should be stopped (subject to the remarks made below) namely :-

8/60 Km.96 - Fehma-Kfar Rei - Illar-Zeita-Tulkarm Rd.
8/59 Km.99 - Beqa.

2. In connection with stopping the work there should be no difficulty so far as Departmental work is concerned and as regards contracts you will have to consider what will be the most satisfactory and cheapest means of doing so. Possible courses appear to be :

- (a) If legally possible under the contract, to issue a Variation Order; omitting all works which still remain to be done,
- (b) instructing any contractors who may be engaged on road works to stop work and pay them compensation, if the contract agreement specifies such to be necessary,
- (c) continuing to carry out the work until the individual contracts have been completed.

In this connection therefore it is for you to decide whether alternative (b) or (c) is the cheaper assuming that it is not possible to issue a variation order as indicated in (a).

3. All materials, such as cement, timber, reinforcing bars, and perhaps sand, should be salvaged and used on other works, also any precast culverts that have not been incorporated in the road and suitable financial adjustments made between votes. Materials such as selling stone, haunch stones, and metal should be left on site, but in order to safeguard them as much as possible, you should engage maintenance men whose job it will be to keep an eye on them as far as may be possible, in order that they should not be carted away by troops or by the inhabitants of the areas.

4. In view of the closing down of the work on these roads please inform me by return of post what plant which this Department has received from the Military Authorities can be released in order that it may be returned to them as a result of the closing down of the work. In this connection plant which may be released would appear to be: road rollers, crushers, granulators, concrete-mixers, bitumen blenders, and compressors.

5. In deciding what plant can be released you should keep in mind that some will still be needed to carry on with military works which for present purposes may be considered to be :-

- (a) Construction of Military Roads and Bridges.
- (b) Maintenance of Military Roads and Convoy Routes.

P.T.O.

21/1/43
(c) Maintenance of P.W.D. Main Roads.

(d) Erection of Police Buildings as far as plant is required for the supply of metal and chippings for concrete and other works, provided that such materials are being supplied departmentally and not on contract.

(e) Maintenance of Airports.

(f) Supply of metal and chippings for Food Production schemes, provided such materials are not being obtained under contract.

(g) Maintenance of Harbour works and Construction of extraordinary works in Port Areas.

6. The necessity for releasing plant is urgent and you should be guided by the principle that unless it is essential for the execution of works called for, and likely to be proceeded with, the plant should be made available for return to the Army. The P.W.D. number of every unit which you can release should be given in your reply.

7. I have now been informed by the Chief Engineer that the Gravelators you require cannot be released, your letter No. 8/78 of 29.1.1943 refers.

6/4/43

141-8/78

Sd/- H. G. H. Jones

Actg. DIRECTOR OF PUBLIC WORKS.

Copy to:

5/80

6/64

9/122

9/164

9/131

8/78

8/80

8/64

9/122

83.

9/136

PUBLIC WORKS DEPARTMENT
JERUSALEM.

44

4th Februsry, 1943.

Mr. Muhammed El Haj Hamdan,
Bake El Charbieh,
Tulkarm.

Sir,

Subject :- Production of metal, soling
and heunch stones for Kfar-
Zeits to Tulkarm-Karkur Rd
Section, Km. 0-Km 4 measured
from Tulkarm-Karkur Road.

Your tender for the above mentioned
work was received in this office on 3.2.43,
after those received has been adjudicated.
Your tender therefore has not been considered
and is returned herewith.

2. I would remind you it is your
responsibility to ensure that tenders are posted
in such time as to enable them to be received
in this office before the closing date and
time specified in the Invitation to Tender.

I have the honour to be,

Sir,

Your obedient servant,

Yours faithfully,
H. C. H. Joraj

Actg. DIRECTOR OF PUBLIC WORKS.

D9

Copy to Denab.

9/136.

P.W.D. JERUSALEM.

43

3rd February, 1943.

SECRET.

District Engineer,
Nablus District.

426

Subject : Elar-Zeita-Tulkarm-Karkur Road
Supply of stones and metal.

Reference: Your No. 14/2/96 of 25.1.1943.

I forward herewith five tenders received in connection with the above quoted work and shall be glad if you will check and tabulate them and return them to me with your recommendation as to which should be accepted, if any. The manner in which the tenders have been presented is not understood in this office.

(Sgd) H. G. H. Juss

Actg. DIRECTOR OF PUBLIC WORKS.

REPLIED 46

28/7

42
PUBLIC WORKS DEPARTMENT
JERUSALEM.

1st February, 1943.

BY HAND

Chief Accounting Officer
P.W.D.
Government Printer,

A meeting of the
P.W.D. Headquarters Tenders
Board will be held on
2.2.43 at 1200 hours. I
shall be glad if you will
please attend.

Sgd) I. Melamede
for

Actg. DIRECTOR OF PUBLIC WORKS

Co PY to: 9/136 ✓

Supply of Road Metal, Solin
and Haunch Stones for
'Illar-Zeita to Tulkarm-
D9 Karkur Rd. Section Km0.-Km.4, mea-
sured from Tulkarm Karkur Rd.

Mar - Letter to Tolkann - Markur Road

S: Check of Tender Documents

R: DENAB's Letter No 14/2/96 of 25-1-95

Estimate No NA/113 & Specifications

②

AD2

Comments
on the
enclosed
speci-
fication
and
estimate
are stated
in ①, please.

A.) Estimate No NA/113

9/136

Item 2. Supply of Soling stones.

The quantity of 4500 M³ is calculated for a finished layer of 30cm Soling. According to the Standard Specifications a thickness of 20cm of Soling is specified. The quantity should therefore be only 3000 M³.

R.C.

No action

file please

B. Specification

tel. No 2/3
of 12-3-93 from
Denab refers

39/3/93.

1) The Definition of "Engineer" is omitted.

2) Terminism of Soling stones, Hammer stones and similar of Hammer should be corrected as shown in the text of the specifications.

2-1-93

ANALYSIS OF CRACKS IN _____

Crack marked	N a t u r e o f c r a c k s					Remarks
	Founda- tions	Contrec- tion from setting	Heat expan- sion	Working joints	Other	

426
GOVERNMENT OF PALESTINE

PUBLIC WORKS DEPARTMENT,
No. 14/2/96. NABLUS.
25th January, 1943.

Acting Director of Public Works.

CENTRAL REGISTRY

Subject :-

File No.....

9/136.

1- FEB. 1943

Supply of Road Metal,
Soling and Haunch
Stones for 'Illar-Zeita
to Tulkarm-Karkur Road
Section, Km.0 - Km.4,
measured from Tulkarm-
Karkur Road.

P.W.D. H.Q. Jerusalem

I forward, herewith, for
completion and return, the follow-
ing documents in respect of tenders
for above Contract which is to be
adjudicated by the Headquarters
Tenders Board on 2.2.43: -

- (1) Invitation to Tender.
- (2) Tender Form.
- (3) Schedule of Tenders Invited
(in duplicate).
- (4) Schedule of Tenders.
- (5) Abstract of Estimate No.NA/113.
- (6) Specification.
- (7) P.W.D. Contract No. NAC/96.

(P.T.O.)

2. Since I sent out the tenders I have been informed by District Engineer, Haifa, that he has a Jaques crusher he can spare and also a Marsden crusher.

3. I have also made arrangements with Steel Brothers for the supply of transport.

4. These two factors would allow me to produce machine-crushed metal instead of hand-broken metal and provided Steel's transport works out satisfactorily, I should be in a position to do the work cheaper than most contractors.

5. In producing machine-crushed metal, a small proportion of foulieh, adssieh and sumsumieh would also be produced.

6. Unless results of tenders are considerably lower than my estimated rates, I am contemplating doing the work departmentally.

Doing the work departmentally also avoids the cost of stacking, measuring, etc.

7. Please therefore do not notify cheapest tenderer of results before I have had a chance to review the position again.

5/SH. DISTRICT ENGINEER, NABLUS DISTRICT

PUBLIC WORKS DEPARTMENT

INVITATION TO TENDER

1. You are invited to tender for work as below **Production of metal, soling and haunch stones for 'Illar-Zeita to Tulkarm-Karkur Road Section, Km.0 - Km.4, measured from Tulkarm-Karkur Road.**

2. Estimates and plans of the work may be inspected by you and any further particulars desired may be obtained on application to **District Engineer, Nablus District,**

Nablus,

between hours of **8.00 - 12.00**

daily except on holidays.

3. Tender form is attached.

4. A complete set of the estimate, plans and contract form may be obtained by approved Contractors on written application to

accompanied by a money order for L.P.

Tenders enclosed in sealed envelopes marked on the outside "Tender for

Stone for Zeita-

'Illar Road

" must be delivered at the office

of the **Actg. Director of Public Works, Jerusalem,**

11.00

hours

on the **26.1.43. 2.2.43**

(P. T. O.)

An addressed envelope is attached. Necessary postage stamps should be affixed unless the envelope is delivered by hand.

6. No tenders will be considered but such as are submitted on P.W.D. Tender form No. P.W.D. 18.

7. The Palestine Government does not bind itself to accept the lowest or any tender.

8. If your tender is accepted you will be required to make a deposit of L.P. **306.000 mils**
before signature of the contract.

9. The name of the successful contractor will be published in the Palestine Gazette. No separate communication will be sent to unsuccessful contractors.

10. The successful contractor will be required to insure with an approved Insurance Company against accidents to his workmen to cover risks under the Workmen's Compensation Ordinance 1927. The insurance policy taken out by the successful contractor will be examined before signature of contract documents is permitted.

11. The time allowed for the completion of the work is 60 days.

²²
Date **14.1.43.**

(Sgd.) E. J. N. HOLDER

District Engineer

Nablus *District*

TENDER.



PWD 18

1. I/We the undersigned having carefully examined P.W.D. Estimate

No. **NA/113** of **14.1.1943.**

P.W.D. Drawing No. -----

and Contract Form **P.W.D. 1 (NAC/96).**

for **Production of metal, soling and haunch stones for
'Illar-Zeita to Tulkarm-Karkur Road Section, Km.0 -
Km.4, measured from Tulkarm-Karkur Road.**

offer to carry out the work at

per cent above/below the rates entered in the abstract of its estimated cost prepared by the P.W.D.

2. If this Tender is accepted I am/we are prepared to sign the above mentioned Form of Contract, Estimate and Contract plans and to deposit at the same time the sum of **£P.306.000 mls** as security for the execution of the work.

(P.T.O.)

I/We undertake that this tender shall remain open to acceptance during a period of
one calendar month from date

Witness

Contractor

Address

Address

Date

GOVERNMENT OF PALESTINE.

PUBLIC WORKS DEPARTMENT.

H. Qrs. TENDERS BOARD

SCHEDULE OF TENDERS.

(Production of metal, soling and haunch stones for 'Iller-Zeita Service (to Tulkar-m-Karkur Road Section, Km.0 - Km.4, measured from Tulkar-m-Karkur Road.

Date 14.1.43.

No.	Name of Contractor	% above estimate	% below estimate	REMARKS
1	Muhammed Haj Ahmad El Yusuf			
2	Redi Muhammed			
3	Samer El Haj Ibrahim			
4	Dawud Abu Shareefeh			
5	Jameel Freitikh			
6	Muhammed Haj Hamdan			
7	Hasan El Qeisi			
8				
9				
10				
11				
12				
13				
14				
15				

The H. Qrs. Tenders Board has carefully scheduled the above { as being the lowest.
tenders according to regulations and has decided to accept the undermentioned tender { though not being the lowest on account of

Date

President
Tenders Board

Members

Tenders Board

No 17170

רמ
מסמ

Subject: TAXES

דائرة الحاكم بالقدس

משרדי המושל גליל ירושלים

To
חברה
לכבוד

الموضوع: ضرائب

הגידון: מסים

Date
תאריך

Sir,

سيدي

I am directed to demand your immediate attention to the following arrears due from you to-date:—

لقد امرت بالغات نظركم العاجل الى التاعيرات
الا في بيانها المستحقة عليكم حتى هذا التاريخ:—

נצטוותי להטות את תשומת לבו המידית
לאחורים בתשלומים המגיעים מבי עד היום
והמפורטים להלן:—

12681-200 hks-S.O.P.

Year שנה השנה		Tithes מעשרות אעشار				House & Land Tax דרכו הונוקו		Total المجموع סה		Remarks מلاحظات הערות
		Summer صيفي קיצי		Winter شتوي חורפי						
		L.P.	mils	L.P.	mils	L.P.	mils	L.P.	mils	
		מל סיר	ג.פ. ל.י.א	מל סיר	ג.פ. ל.י.א	מל סיר	ג.פ. ל.י.א	מל סיר	ג.פ. ל.י.א	
ARREARS מאגרות אחורים בתשלומים	1918	1918								
	1919	1919								
	1920	1920								
	1921	1921								
	1922	1922								
	1923	1923								
	1924	1924								
	1925	1925								
	1926	1926								
1927	1927									
Present Dues الاستحقاقات الحالية המכסומים המגיעים עכשיו										
Total المجموع סך הכל										

You are hereby granted 10 (ten) days from the date of this notice within which period to pay the above arrears.

If payment of arrears is not effected within this period of delay, Art. 9 of the Law of Collection of Taxes dated 18-8-1909 will be applied, by which your property, movable or immovable, will be liable to seizure and sale.

تملككم ١٠ (عشرة) ايام من تاريخ هذا
الاعلان لدفع الباقي المتو عنها اعلا.
واذا لم تدفع القيمة بظرف هذه المدة تمخضتكم
الاجراءات القانونية المدرجة في المادة (٩) من
قانون تحصيل الضرائب المؤرخ في ١٨/٨/١٩٠٩
اي ان اموالكم الموقولة او الغير موقولة تصير
عرضة للحبز والبيع.

בוזה ניתן לו זמן של 10 (עשרה) ימים
מיום תאריך הודעה זו להשלום הסכומים הנ"ל.
אם לא יסודר תשלום הסכומים הנ"ל
הזמן הזה יאחזו נגדו בצעדים משפטיים
עפ"י סעיף 9 של חוק גביית המסים מיום
18.8.1909 ועל פיו ערורים נכסיו דגידוי
ידאגידוי להיות מעוקלים ולהסבר.

Signed
החתימה

Deputy District Commissioner Jerusalem

حاكم مقاطعة القدس موشل גליל ירושלים.

To Deputy District Commissioner

الى حاكم مقاطعة القدس

לבי מושל גליל ירושלים.

Sir,

سيدي

I hereby acknowledge receipt of your notification numbered as above re my Taxes.

اشعر بوصول اخطاركم نمرو
بخصوص الضرائب المستحقة علي لها

הנני מחבבר לאשר בזה את קבלת הודעתו
(במספר דלעיל) בדבר תשלומי המסים.

Signed
חתימהDate
תאריך

PUBLIC WORKS DEPARTMENTSchedule of Tenders Invited
-----P.W.D. Office Calling Tenders:-District Engineer,
Nablus District.Works Required

:-

Production of metal,
soling and haunch
stones for 'Illar-
Zeita to Tulkarm-
Karkur Road Section,
Km. 0 - Km. 4,
measured from
Tulkarm-Karkur Road.Amount

:-

LP. 3060,000 mils.

F.A. Number and Date

:-

515 of 17.12.42.

Are Funds Available

:-

Yes.

Date

:-

14.1.43.


DISTRICT ENGINEER
NABLUS DISTRICT

Serial: No. :	Contractor's Name	Address:	Whether Tender was Received
1. :	Mahd. Haj Ahmad El Yusuf	Maisar :	:
2. :	Radi Muhammad	'Attil :	:
3. :	Sameer Ej Haj Ibraheem	Tulkarm:	:
4. :	Dawud Abu Shareefeh	Tulkarm:	:
5. :	Jameel Freitikh	Nablus :	:
6. :	Muhammad Haj Hamdan.	(: Baqa El:	:
7. :	Hassan al Qalbi	(: Gharbiya:	:

O.W. 80.

PUBLIC WORKS DEPARTMENT

Schedule of Tenders Invited

P.W.D. Office Calling Tenders:-

District Engineer,
Nablus District.

Works Required

:-

Production of metal,
soling and haunch
stones for 'Iller-
Zeita to Tulkarm-
Karkur Road Section,
Km. 0 - Km. 4,
measured from
Tulkarm-Karkur Road.

Amount

:-

LP. 3060,000 mils.

F.A. Number and Date

:-

515 of 17.12.42.

Are Funds Available

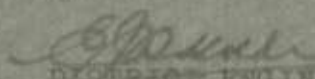
:-

Yes.

Date

:-

14.1.43.


DISTRICT ENGINEER
NABLUS DISTRICT

Serial No.	Contractor's Name	Address	Whether Tender was Received
1.	Muhd. Haj Ahmad El Yusuf	Maiear	
2.	Radi Muhammad	'Attil	
3.	Sameer El Haj Ibraheem	Tulkarm	
4.	Dawud Abu Shareefeh	Tulkarm	
5.	Jameel Freitikh	Nablus	
6.	Muhammed Haj Hamdan	Bagh El	
7.	Muhammed El Qusbi	Gharbiya	

Production of metal, soling and haunch stones for 'Illar-Zeita to Tulkarm-Markur Road Section, Km.0 - Km.4, measured from Tulkarm-Markur Road.

1. Supply to site of work, in 1800 - .500 M3 780.000 780.000
 continuous stacks, as, when and where directed, good, hard, approved, hand-broken, screened metal of 5 cms. gauge, all as specified, to the entire satisfaction of the District Engineer. Deliveries to be made at a rate of not less than 40 metres cube per day, unless expressly ordered otherwise. If less amounts are delivered daily, it will be regarded as slow progress. The metal, as specified, shall be delivered and stacked in such sections of the road, as shall be indicated from time to time. No stone shall be placed further than 10 metres from centre line, nor less than 2 metres, and the exact site of deposit shall be as directed by the Engineer from time to time.

(3000 ft. from 30 m. f.)

2. Supply to road as, when and 4500 - .400 M3 1800.000 1800.000
 as directed, approved, stacked soling stone to the sizes as specified, and as per samples in this office, and all to the satisfaction of the District Engineer. Deliveries and stacking shall be at a rate of not less than 70 metres cube per day. If less amounts are delivered and stacked daily, this will be regarded as evidence of slow progress. The stacks are to be placed not more than 10 metres from centre line and not less than 2 metres from centre line of road.

2580.000

3. Supply to road as, when and 8000 -.060 M.R. 480.000 480.000
 where directed, approved haunch stones as specified and equal
 to sample in District Engineer's office and laid out in
 continuous stacks as, when and where directed. The rate of
 the delivery shall be not less than 140 metres run per day.
 If rate of delivery is less than 140 metres, this shall be
 taken as evidence of slow progress.

E.J.M. Holder

3060.000

3060.000

E.J.M. Holder
 DISTRICT ENGINEER
 MALAYA DISTRICT

Specification No. 11/56 relating to the supply of
Road Metal and Road Aggregate for
filling pits and to the supply of
Gravel and Sand, specified for
Road Metal and Road Aggregate.

Definition.

1. Quality of Materials:- The quality of the materials used in the work shall be in strict conformity with the requirements of this specification, or of the special specification, if any, or, where not so specified shall be the best available of their respective kinds and shall be subject to the approval of the District Engineer.

2. Soling and Hammer Stone:- Soling and Hammer Stone shall be good, approved, suitable material of uniform kind and quality and shall be to the satisfaction of the District Engineer. Rounded or weathered or broken stones or pieces shall not be used for soling until they have been hammer dressed to suitable shape and so as to remove the weathered faces.

3. Dimension of Soling Stone:- (i) Stones for Soling when dressed and built into position shall have a depth of not less than 10 cm. and shall weigh not less than 6 kilograms each. The area of stone at the base shall not be less than 150 sq. cm. and shall not exceed 300 sq. cm. Beds of stones shall be flat and approximately at right angles to the axis of the depth.

(ii) In places where suitable bedded limestone occurs from which more or less rectangular blocks can be readily obtained, such stones shall have a depth of not less than 10 cm. and the width at the base shall not be less than 20 cm. nor more than 30 cm. The length of such rectangular stones shall not be less than 10 cm. and shall not exceed 30 cm. Stones shall have a flat top and the full width and length of the stones.

the width at the base

4. Gravel and Chippings:- Gravel, road metal, and chippings shall be of the following description:-
Gravel shall consist of rounded, smooth, hard, durable material of uniform kind and quality, angular in form, free from organic, irregular or flaky particles, and of uniform material of any kind and shall comply with the requirements of the "Specification for Gravel" in this class the words "angular", "rounded", "irregular" and "flaky" shall be the meaning assigned to them in British Standard Specification No. 11 of 1938.

5. Physical and Chemical Properties of Stones:- Unless otherwise specified for Road Metal and Road Aggregate, the physical and chemical properties of stones shall be determined in accordance with the methods of testing prescribed in British Standard Specification No. 11 (1938):-

(a) Gravel and Chippings.

Attrition Coefficient: Not greater than 5.

Crushing strength: Not less than 1300 kgs. per sq. cm.

Toughness Coefficient: Not less than 7.

Hardness Coefficient: Not less than 14.

6. Supplies to be supplied:- The Contractor shall, when so required to do, provide free of charge any samples of road metal or chippings which the Engineer may require to satisfy himself that the materials supplied are to be supplied in accordance with the requirements of this specification.

7. Engineer may take samples:- If it should come to the Engineer's attention that the materials supplied do not conform to the requirements of this specification he may take samples from the stocks.

8. Selection of Samples:- Samples shall be taken from the top, middle, and bottom of the stocks in such a manner that the samples taken from different stocks being combined to form a composite sample from which the sample for testing shall be selected by the method of quartering. The Contractor or his representative shall be invited to be present at the selection and a record shall be made of the result of such selection.

Continued.

Ref. in trans.

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3

8. Testing of Samples:- Samples shall be submitted to a properly equipped testing laboratory approved for the purpose by the Director of Public Works. The Contractor or his representative may, if he so desires, be present during the tests and upon payment of the appropriate fee shall be entitled to a copy of the Test Report. The results of the tests shall be conclusive and binding upon both parties.
9. Right of Contractor to Test Samples:- In the event the Engineer deciding, without having tested the materials, that the materials delivered are not in accordance with the specification, the Contractor shall have the right to call upon the District Engineer to take samples as provided in Clause 5. In the event the samples are found to comply with the requirements of the specification the cost of the tests shall be met by the District Engineer, otherwise the cost shall be paid by the Contractor. In the event the Contractor has samples tested and all the material is found to be in accordance with the specification, the Contractor shall be entitled to a refund of the cost of the tests.
10. Rejection of Samples:- Samples shall be tested and found to comply with the specification and to be in accordance with the requirements of the specification. In the event the Contractor has samples tested and all the material is found to be in accordance with the specification, the Contractor shall be entitled to a refund of the cost of the tests.
11. Rejection of Samples:- Samples shall be tested and found to comply with the specification and to be in accordance with the requirements of the specification. In the event the Contractor has samples tested and all the material is found to be in accordance with the specification, the Contractor shall be entitled to a refund of the cost of the tests.
12. Rejection of Samples:- Samples shall be tested and found to comply with the specification and to be in accordance with the requirements of the specification. In the event the Contractor has samples tested and all the material is found to be in accordance with the specification, the Contractor shall be entitled to a refund of the cost of the tests.
13. Rejection of Samples:- Samples shall be tested and found to comply with the specification and to be in accordance with the requirements of the specification. In the event the Contractor has samples tested and all the material is found to be in accordance with the specification, the Contractor shall be entitled to a refund of the cost of the tests.
14. Rejection of Samples:- Samples shall be tested and found to comply with the specification and to be in accordance with the requirements of the specification. In the event the Contractor has samples tested and all the material is found to be in accordance with the specification, the Contractor shall be entitled to a refund of the cost of the tests.
15. Rejection of Samples:- Samples shall be tested and found to comply with the specification and to be in accordance with the requirements of the specification. In the event the Contractor has samples tested and all the material is found to be in accordance with the specification, the Contractor shall be entitled to a refund of the cost of the tests.
16. Rejection of Samples:- Samples shall be tested and found to comply with the specification and to be in accordance with the requirements of the specification. In the event the Contractor has samples tested and all the material is found to be in accordance with the specification, the Contractor shall be entitled to a refund of the cost of the tests.
17. Rejection of Samples:- Samples shall be tested and found to comply with the specification and to be in accordance with the requirements of the specification. In the event the Contractor has samples tested and all the material is found to be in accordance with the specification, the Contractor shall be entitled to a refund of the cost of the tests.

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due

18. Dimension of Haunch Stones:- Stones of haunches shall be hammer dressed to an approximately rectangular form and shall have a depth of not less than 30 cms. plus the consolidated thickness of the metal, if any, and shall not, in any case, be less than 40 cms. unless the District Engineer shall otherwise direct in writing. The width at the base shall not be less than 25 cms. and shall not exceed 30 cms., the width at the top shall not be less than 30 cms. The length shall not be less than 30 cms. and shall not exceed 80 cms. All stones for haunches shall have flat beds and flat upper surfaces for the full length and width of the stone. Haunch stones shall be measured and paid for by the longitudinal metre both sides of the road being measured.

19. Submission of Samples with Tenders:- The Contractor shall submit a sample of the stone as specified, as proposed to supply with his tender.

20. Time:- The time allowed for the entire completion of the work is _____ days.

P.W.D. CONTRACT No. **NAQ/96.**(1) Object of the Contract.

Contract made this day of 19. **43** between
 the **District Engineer, Nablu District, Nablu.** representing the Palestine Government
 and (hereinafter called the Contractor)
 for **Production of metal, soling and haunch stones for 'Iller-Leite to**
Tulkarn-Karkur Road Section, Km.0.000 - Km.4.000, measured from
Tulkarn-Karkur Road.

as set forth in P.W.D. estimate Number **NA/113** of **14.1.43** and
 plans numbers at per cent above/below the rates entered in the abstract
 of the above mentioned estimate, and in strict accordance with the following GENERAL CONDITIONS.

(2) Estimate and plans furnished to Contractor.

One Copy of the estimate and plans shall be given to the Contractor for his guidance.

Note:—Plans and estimate to be signed by both parties to the contract.

(3) Adherence to plans and instructions.

The Contractor shall adhere minutely to the contract plans and to such further plans, details and instructions as may be issued by the District Engineer during the work.

(4) Variations.

The amount of the work as shown in the plans and estimate may be deviated from to an extent which shall not vary the amount of the estimate by more than 20% of addition or of deduction.

(5) The Contractor shall receive notice in writing of all variations and in the case of an increase of work shall upon submitting a claim for extension of time in accordance with Clause 23 be allowed a proportionate increase in the time allowed for completion of the whole work. Work additional to the approved plan and estimate for which the Contractor cannot produce the District Engineer's written order shall not be paid for.

(6) Any increase or decrease of work on an item exceeding 20% shall give the Contractor the right to claim a star price and the procedure of Clause 23 shall then apply.

(7) Adherence to P.W.D. Specification.

All items of work shall be carried out in strict accordance with the specifications of the Public Works Department, and to the entire satisfaction of the District Engineer.

(8) Rejection of inferior work and materials.

Any materials worked or unworked rejected by the District Engineer are to be removed forthwith by the Contractor and replaced by him at his own expense with others of approved quality.

(9) Any work rejected by the District Engineer as damaged or not in accordance with the plans or specifications of the Public Works Department shall be demolished forthwith and made good again by the Contractor at his own expense unless the District Engineer shall decide at his discretion, to allow the work to remain and to deduct the difference in value together with a fair allowance for damage. If the Contractor shall not remove rejected work within a reasonable period fixed by written notice, the District Engineer may remove it and deduct the cost of such removal and renewal from any sums which may be due to the Contractor.

(10) Contractor to be constantly on the work.

The Contractor or an agent empowered to act for him must be constantly on the work to receive the orders and instructions of the District Engineer.

(11) Employment of efficient men.

The Contractor shall employ as agent, foremen, artificers or labourers only those who are efficient and of good character. The District Engineer shall have the right to call upon the Contractor to remove from the work and to replace any persons whom he considers to be incompetent or unsuitable. The Contractor shall provide a competent all-round foreman in charge of the work who shall not be changed except with the consent of the District Engineer.

Note:—Strike out last sentence when work is under £P.300.

(12) Payment of employees.

All foremen, artificers and labourers employed on the work shall be in the direct pay of the Contractor.

(13) Date for commencement and numbers to be employed.

The Contractor will be given notice in writing when the site is ready to be handed over. Thereupon the Contractor shall commence the work within days and shall carry it out with all due diligence and in regular progression, with such numbers of artisans and labourers as in the opinion of the District Engineer are necessary to complete the work within the time specified in clause 15.

(14) Failure to commence work.

The D.P.W. shall have the right to cancel the contract and to forfeit the Contractor's deposit; should the Contractor fail to commence work at site within the period fixed by clause 13 and/or should the Contractor decline at any time to commence or continue the work including such increases, decreases and variations as may be ordered by the District Engineer in writing in pursuance of clauses 3, 4 and 5

(15) Time allowed.

The time allowed for completion of the work shall be ~~60 days~~ **calendar months** counting from the date of the District Engineer's written notice to the contractor handing over the site, or until such ~~time~~ may be fixed by the District Engineer upon any claim for the extension of time made by the contractor under clause 28.

(16) Damages for delay.

The Contractor shall forfeit by way of liquidated damages the sum of ~~two~~ **306.000 mils** Pounds Palestine for each day of delay in completion of the work beyond the time specified in the previous clause for its completion and such liquidated damages shall be recoverable from any sums due to the Contractor under this contract or any other contract with the Palestine Government or from his deposit of EP.

(17) Measurements.

The work done in pursuance of this contract shall be measured in exact accordance with the system adopted in preparing the estimates of the Public Works Department. All measurements shall be net, no allowance being made for waste.

(18) The Contractor shall provide free of cost to the P.W.D. any labour which may be required for taking measurements for bills during progress of the work.

(19) All measurements shall be recorded at intervals not oftener than fortnightly by the District Engineer or his representative in the presence of the Contractor or his representative.

(20) The District Engineer and the Contractor shall both sign the measurement book. Any objection to the measurements shall be lodged at the time and if the Contractor shall dispute the correctness of the measurements and shall refuse to sign the measurement book he shall forthwith state the grounds of his objection in writing and the District Engineer shall forward them with his remarks to the Director of Public Works for decision.

(21) No objection by the Contractor to measurements taken shall be valid unless received by the District Engineer in writing within 48 hours of taking the measurements objected to.

(22) The District Engineer may in writing require the Contractor or his representative to attend at 48 hours notice for taking a set of measurements and if the Contractor or his representative shall not attend at the place and time mentioned in the notice, the measurements shall be taken by the District Engineer and the Contractor shall not be entitled to object to such measurements under clause 28.

(23) Payments.

Payment shall be made in fortnightly instalments in respect of work actually done, each bill being an extract from the measurement book certified by the District Engineer. Part payments in respect of work done and of materials brought to site but not incorporated in the work shall be admissible, at the discretion of the District Engineer. No payments made to the Contractor shall constitute acceptance of any work or material which is not in strict accordance with P.W.D. Specification.

(24) All payments to the Contractor before the final payment shall be deemed to be payments on account of the whole contract and not final payments for any particular part thereof. The D.P.W. shall have the right to review all such payments and to adjust errors and omissions in the final payment.

(25) Payments will be made as a rule within 20 days after receipt by the District Engineer of a correct bill.

(26) Return of security deposit.

Except as provided in clauses 9, 16, 32 and 41, the Contractor's security deposit shall be returned to him after the work has been completed and accepted on behalf of the Palestine Government, and after payment of the Contractor's final bill which shall be accompanied by a statement signed by the Contractor certifying that he has no further claim against the Palestine Government in respect of this contract. The work shall stand in all respects at the risk of the Contractor until so finally accepted, and the Contractor shall be responsible for handing over the work complete and in good order in every respect.

(27) Extras.

The Contractor shall not be entitled to make claims under clauses 28 and/or 29 in respect of any item or portion of an item mentioned or implied in the priced abstract of the estimate and/or in the General Specification of that estimate and/or in the P.W.D. detailed specifications and/or in the contract plans, all such works shall be deemed to be covered by the items appearing in the above mentioned abstract.

(28) Claims by Contractor.

The Contractor shall furnish to the District Engineer a weekly statement of any claim for extra or unforeseen work not provided for in the estimate, or claim for extension of time to which he may consider himself entitled, in order that his claim may be investigated at once. No claim will be allowed which has not been included in these weekly statements.

(29) Star items and procedure when the Director of Public Works rejects star prices.

The price proposed to be paid for any item of work not provided for in the Estimate No. **VI/113** shall be decided mutually between the Contractor and the District Engineer, and such price shall be agreed upon, and confirmed in writing, before the work is commenced. Should the Contractor and the District Engineer fail to agree upon the price the matter shall be referred to the Director of Public Works who shall fix the price, or shall reserve to himself the right to order the work to be carried out in any way he shall think fit.

(30) Antiquities.

Any antiquities, coins or remains of ancient construction discovered during the course of the work shall be dealt with as required by the Antiquities Ordinance of 1929, with which the Contractor must make himself acquainted.

(31) Sub Contracts.

The Contractor shall not transfer or assign directly or indirectly any portion of this contract without the written permission of the Director of Public Works, and such permission if given shall not relieve the Contractor of any obligations or liabilities under this contract. No direct relations will be entered into between the Director of Public Works or the District Engineer and any Sub-Contractor of the Contractor.

(32) Bribes.

Any bribe, commission, gift, loan or advantage given, offered by or on behalf of the Contractor in relation to this contract shall render this contract subject to immediate cancellation and the Contractor shall be liable to forfeiture of his security deposit in addition to payment of any loss to Government resulting from such cancellation.

(33) Contractor to be fully informed.

The Contractor shall be responsible for understanding P.W.D. Specifications and Rates and for having made all local enquiries, examination of the site of the work and for understanding the nature of this contract and all local Customs tariffs, labour and other conditions affecting it before signing the same.

(34) Disputes.

Any matters in dispute between the parties to the Contract arising out of the contract shall be submitted to the arbitration of the Director of Public Works sitting alone as arbitrator and the decision of the Director of Public Works in his capacity as sole arbitrator shall be final and binding on both parties to this contract.

(35) Damages and injuries.

The Contractor shall be responsible for all damage to property and for injury caused by the work or workmen to persons, animals or things during the progress of the work.

(36) Sanitation.

The Contractor shall provide at his own expense such sanitation arrangements in camp and on the works as may be deemed necessary by the Public Health Department for the use of the Contractor's artisans and labourers and should the Contractor fail at any time to comply with the requirements and instructions of the Public Health Department in regard to such sanitation arrangements the District Engineer shall have power immediately to remedy defects at the Contractor's expense.

(37) Contractor to supply labour, tools, plant and material.

The Contractor shall be responsible for providing all the labour, tools, plant and materials necessary for the due execution of the work with the exception of the materials to be issued by the P.W.D. noted in the Schedule in Clause 51. The Contractor shall be responsible for taking over such P.W.D. materials at the nearest P.W.D. Store or at a merchant's store as may be directed and for conveying them at his own expense to the work and for incorporating them therein. The cost of such P.W.D. materials as may be issued shall be recoverable from any payments due to the Contractor.

(38) Delay in supply of materials and District Engineer's power to issue materials.

In the event of there being in the opinion of the District Engineer undue delay in the production by the Contractor of any materials required in pursuance of this contract or should the contractor supply materials which the District Engineer considers to be of inferior quality, the District Engineer shall have the right to issue materials to the Contractor who shall incorporate them in the work, and to deduct their value together with a charge of fifteen per cent for departmental overhead expenses from the Contractor's bills. Should the District Engineer decide to issue materials the Contractor shall be responsible for drawing them from the nearest P.W.D. Store or from a merchant's store as may be directed and for conveying them at his own expense to the site of the work.

(39) Materials at site.

All materials brought to site of work shall become the property of the Palestine Government and the Contractor shall forfeit claim to them in case of cancellation of contract under any breach of these General and Special Conditions.

(40) Work to be left clean.

No accumulations of waste materials or rubbish shall be allowable at any time and the Contractor shall leave his work perfectly clean, clear of rubbish, tools, plant and surplus materials, paint and other stains and splashes, etc., to the satisfaction of the District Engineer and should he fail to do so the District Engineer shall have the right to effect cleaning and clearing up at the Contractor's expense.

(41) Procedure in case of slow progress or failure of Contractor.

If at any time the progress of work is so slow that there is in the opinion of the District Engineer no reasonable hope of the work being finished by the date fixed for such completion, he shall address a letter to the Contractor calling his attention to the slow progress of the work and requesting him to improve his arrangements, and if after the expiration of 7 days from the date of such letter there shall be in the opinion of the District Engineer no material improvement in the position and danger of serious inconvenience from the probable delay in the completion of the work, he shall have the right to engage ~~additional~~ labour skilled and unskilled, at the Contractor's expense or the D.P.W. at his discretion shall have absolute right to cancel the contract in whole or in part, by a written notice to the Contractor to that effect and to arrange for the completion of the work or works in any manner he shall think fit. Any extra expenditure incurred on such work, or arising out of such work, above that contemplated under the provisions of this contract shall be recoverable together with a charge of fifteen per cent for departmental overhead expenses on all expenditure incurred by the District Engineer arising out of such works from any sums due by the Government of Palestine to the Contractor or from his deposit. Nothing in the above shall prevent the District Engineer from taking immediate action in case of urgency, and where such urgency has been created by delay on the part of the Contractor, the Contractor shall have no claim against the Government for any loss he may be occasioned by such action.

(42) Unauthorised cessation of work.

Stoppage of work without the District Engineer's written permission shall render the Contractor liable to immediate cancellation of this contract and to forfeiture of his deposit.

(43) Abandonment of work.

If at any time it shall be decided not to continue the work to completion, the Contractor shall be so informed by the District Engineer in writing and final measurements shall thereupon be taken by the District Engineer and the Contractor not later than 7 days from the date of the District Engineer's written order to stop work.

The prices payable for such approved materials at site shall be fixed in accordance with clause 34.

(46) Ruling versions.

(47) Insurance of workmen.

Any amount paid by Public Works Department as compensation under this clause shall be satisfied by the Contractor and may be recovered, without prejudice to any other means of recovery, from the deposit paid under this or any other contract or from any sum due to the Contractor under this or any other contract.

(49) Use of Railway Transport.

The decision of the Director as to the practicability in using rail transport shall in all cases be final and binding.

Notwithstanding anything in the Ottoman Code of Civil Procedure it shall not be necessary for the Director or the District Engineer to serve any notarial notice on the Contractor with regard to failure to comply with any clause in the contract, but it shall be sufficient for him to give a written notice of any claim to damages for delay or of revocation of the contract.

The following Public Works Department materials shall be issuable at the discretion of the Director of Public Works to the Contractor at the rates shown against each.

[illegible]

...../1943

GOVERNMENT OF PALESTINE

41

No. 14/8/34.

PUBLIC WORKS DEPARTMENT,
NABLUS.

Messrs. Sa'ib B. Jouda and
Mustafa al Ali,
Mukhtars of Kaff Ra'i Village,
c/o P.W.D., Jenin.

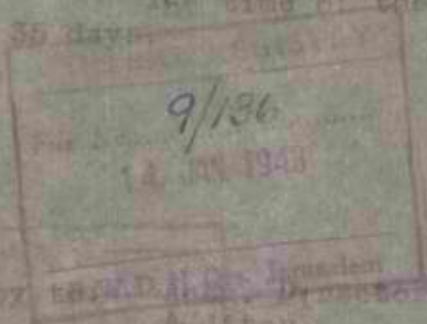
12th January, 1943.

Subject: 1. Construction of Kaff Ra'i-Tillar
Road.

Reference: 1. Agreement No. NAC/34 of 19.2.42.

In pursuance of Clause B of the Agreement
No. NAC/34, you are hereby ordered to provide to side
of road and stack, as, when and where directed
1800 cu of good, hard, approved soling stone as
specified and all to the entire satisfaction of the
District Engineer to be supplied from a point 1300
metres along the Kaff Ra'i-Tillar Road (measured from
the point of junction of the old camp road and
towards Tilar) to a point 1000 metres east of the
well in Tilar village, and measured along the road
from Tilar. The agreed price per metre cube of
stacked soling is 150 mils per metre cube.

2. The time of the Agreement is extended
by 35 days.



[Signature]
DISTRICT ENGINEER
NABLUS DISTRICT

COPY SENT TO: Director of Public Works.

Assistant.

Sub-Accountant, Nablus.

Person, Jenin.

5/34.

40

GOVERNMENT OF PALESTINE

No.14/2/85.

PUBLIC WORKS DEPARTMENT,
NABLUS.

5th January, 1943.

Husni Eff. el Haj 'Ali,
Mukhtar of 'Illar,
'Illar.

REGISTERED.

Subject :- Kafr Ra'i-'Illar Road.
Reference :- Agreement No. NAC/85 of
22.9.1942.

Pursuant to clause 8 of the above mentioned Agreement, please note the following reduction in the above work:-

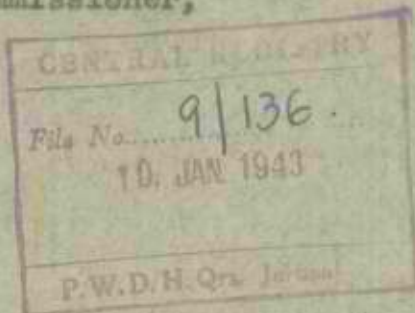
REDUCTION.

Item 1.	Supply of Soling Stones	40M3 @ 420 mils =	LP. 16.800
" 3.	" " Haunch "	160MR @ 50 " =	LP. 8.000
Total =			<u>LP. 24.800</u>

(Sgd.) E. J. N. HOLDER

DISTRICT ENGINEER
NABLUS DISTRICT

Copy to: A/D.P.W.
Copy to:- Acting District Commissioner,
Samaris.
" Auditor.
" Sub-Accountant,
Nablus.
" Foreman,
Jenin.



Extract from
Notes of Inspection

Roads and Bridges by the Chief Engineer
and A.D. 2 on 16-17.11.1942.

P. Km.99 - ARRABA - KFAR RAI ROAD.

9/136
27. The length from Arraba to Kfar Rai is to be abandoned as a Military Track. 3 mtrs wide in favour of a new track, of which the earthwork has been completed, from Km.96 Jenin Road, to Kfar Rai. From Kfar Rai to Zeita rains had rendered the track impassable to cars.

File in 9/136

Service

Head of Estimate

Time & W

Sub-Head

Serial No.	Trade	NAME	WORK			
1		Mr. J. H. Brown	X	X	X	X
2		Mr. J. H. Brown	X	X	X	X
3		Mr. J. H. Brown	X	X	X	X
4		Mr. J. H. Brown	X	X	X	X
5		Mr. J. H. Brown	X	X	X	X
6		Mr. J. H. Brown	X	X	X	X
7		Mr. J. H. Brown	X	X	X	X
8		Mr. J. H. Brown	X	X	X	X
9		Mr. J. H. Brown	X	X	X	X
10		Mr. J. H. Brown	X	X	X	X
11		Mr. J. H. Brown	X	X	X	X

11
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1. I hereby certify that the above is a correct statement of amounts payable to the persons named in respect of their services for the periods stated and that financial provision exists under F.A. No. 50 of 1940

Date

Signature

Title

2/8

14th December, 1942.

Actg. Director of Public Works, *36 Original in 9/122/2*Subject 1-Statement of expenditure -
September, 1942.*Copy for 9/136.*Reference:-Your 9/122/2 of 10.11.42.

9/122/2 146 9/124/2
The estimated cost of the Lajjun-'Affule Road, excluding re-sealing, given in my 2/8 of 18.2.42 is correct, the figure shown in my 14/12/42 of 11.11.42 against this road as LP.1,825,000 mils, represents the estimated expenditure during 1942/43. This sum of LP.1,825,000 mils is made up as follows:

LP.1,690,000 mils for re-sealing (see my 2/2/41 of 27.3.42)
150,000 mils for maintenance (my 2/2/41 of 20.3.42 refers).
5,000 mils is unexpended balance of F.A. No.1506 of 3.1.42.

LP.1,825,000 mils.

234 9/124/2
2. With reference to road 8a99 - Baqa, the estimated cost is LP.33,730,000 mils. The error is regretted, and it appears that the clerk got hold of a preliminary estimate which was later amended and copied down the wrong figures.

3. With reference to road 84.96.5 - 'Iller - Zeita to Tulker-Karkur Road, the estimated cost should have been shown as LP.30,709,750 mils instead of LP.30,500,000 mils. This mistake is much regretted and I have been unable to find out the reason for it. It is a clerical or typing error without any excuse, so far as I am able to find out.

(SOD) H.N.Holder
DISTRICT ENGINEER.
NABLUS DISTRICT.

GOVERNMENT OF PALESTINE.

4 copies

No.

762

Do be numbered serially
by Issuing Department.

FINANCIAL ALLOCATION.

To whom issued

King Jaffar

Station

Jaffar

To provide for necessary services during

1935-1936

28314-10000-10/935 St. P.

(1) Item in Es- timates	(2) Head & Sub-Head of Expenditure	(3) Last Allocation made in res- pect of this Sub-Head under F.A. No.	(4) Amount of Present Allocation		(5) Total Amount of all Alloca- tions under this Sub-Head to-date		(6) Total Amount provided in- cluding Special Warrants (if any)	
			L.P.	Mils	L.P.	Mils	L.P.	Mils
1000	Office Expenditure							
1000	miscellaneous							
1000	Airports (Sydney)							
1000	1 Haifa	75	1000.		48654.		50000.	

GOVERNMENT OF PALESTINE

PUBLIC WORKS DEPARTMENT,
NABLUS.

No. 2/8.

10th November, 1942.

Actg. Director of Public Works.

Subject :- Nablus-Jenin Rd. -
New Military Road
at Km. 96.000.

Reference :- Your 15/1/3 dated
7th Nov., 1942.

The alignment of the
new road is that previously
marked out and partially worked
on by the K.E.s themselves.

2. Between the new road and
the railway line there is a
wadi.

3. I think the thing to do
is to fill up the angle formed
between the two roads.

4. I will bring up the
matter on the 16th instant.

CENTRAL REGISTER

File No.

9/136

DISTRICT ENGINEER

NABLUS DISTRICT

12 NOV. 1942

5/HZ.

CARD INDEXED ORDER
Entered in "St. Paul" by
Entered as "Kearny" by

St. Paul

9/122/2.

10th November, 1942.

36
in 9/122/2

District Engineer,
Nablus District.

Subject : Statement of Expenditure -
September 1942.

Reference: Your No.4/12/1 of 28.10.42.

The estimated costs of the following roads,
in accordance with records in this office, are
as follows :

<u>Road</u>	<u>Est.Cost.</u>	<u>Reference.</u>
Lejjun-Affuleh Rd. -	LP.17,730.-	Your 2/8 of 18.2.42.
Km 99 Jenin Rd. -		
Baga el Charbiya	LP.33,730.-	Your Est.No. NA/68 of 16.8.42.
Km.96.5 Jenin Rd. -		Your Est.No.
Illar-Zeita-Tulkarm		NA/180 of
Kerkur Rd.	LP.30,709.750	8.10.42.

You will note that these figures do not agree
with those given in your above return. Please
explain the differences indicating relevant
references.

Furthermore, please let me have your estimate
for Huwara Ras el Ain Road as well as a reply to
my letter No.9/103 of 8.5.42.

Sgd. H.C.H. Jones

f. Actg.DIRECTOR OF PUBLIC WORKS.

Copy to 9/103.
9/131.
9/136. ✓
9/112.

GOVERNMENT

Service

Handling of W/A Stones

Head of Estimate

XXI-62 P.W. Works Charge.

Sub-Head

Transport & Travelling

Time & Wage

Serial No.	Trade	NAME	WORKING						
			13	15	16	17	18	19	
1)	<i>Labourer</i>	<i>Yacoub Begum</i>	$\frac{1}{2}$	x	x	x	x	x	
2)	-	<i>Abdullah Begum</i>	$\frac{1}{2}$	x	x	x	x	x	
3)	-	<i>Abdullah Yacoub</i>	$\frac{1}{2}$						
4)	-	<i>Harb Mohammed</i>	$\frac{1}{2}$	$\frac{1}{2}$					
5)	-	<i>Sulaiman Ali</i>	$\frac{1}{2}$	x					
6)	-	<i>Mahmud Saleem</i>	$\frac{1}{2}$	x					

Three pounds
Payable

- I. I hereby certify that the above is a correct statement of amounts payable to the persons named in respect of their services for the periods stated and that financial provision exists under

F.A. No.

3

of

5.1.32

Date

*19.2.32*Signed, *J. F. ROWLANDS*

Signature

For
DIRECTOR OF PUBLIC WORKS

Title

AM AD₂

9/136

35

Estimate - Teita - Illar Rd (attached)

Most of the items are so vaguely defined that they can not be checked.

The unit prices are given to a tenth of a mil (?)

The arithmetic has however been checked, and the errors found do not greatly affect the total

J. Davis

10/11/42

7th November, 1942.

34

District Engineer,
Nabluş District.

Subject :- Notes of Inspection by A.D.2 on 27-29.10.42

A. Nabluş-Jenin Road.

New Military road turning off at Km. 96.

1. On a recent inspection it was observed that the new military road turns off from the main road at Km. 96 at an acute angle. This is most undesirable and you should endeavour to arrange the junction of the two roads so that the new one runs into the old one at a right angle. Kindly remember to discuss this with me when we meet on the 16th instant.

B. General.

2. You should endeavour to have all debris cleared out from drains and culverts as soon as possible and also berms repaired where they have been damaged. This applies particularly to the Jenin-Megiddo road.

3. A careful survey should be made of the Megiddo-Karkur road to establish whether or not additional culverts or bridges are necessary in order to prevent the flooding of the road that occurred last month. It is also necessary to ascertain whether improvements to the drains in order to prevent flooding can be made between Um el Fahm and the Police post at Lejun.

(Sgd.) H.C.H. Jones.

f. Actg. DIRECTOR OF PUBLIC WORKS.

Copies to : 9/136, ✓ 9/37, 24/48, 9/103.

REPLIED 137

GOVERNMENT OF PALESTINE

S.F. 12

Order No. **S/276**

LOCAL PURCHASE ORDER.

To **Mr. M.L. Steinberg**
Mea Shearim Street 111,
Jerusalem

24-8-33

193

Please supply the undermentioned articles:

1933-34 Vol. 17974 G.M.J.P.

Description	Quantity		Rate	Amount		Head and Sub-Head of Expenditure
	No.	Weight or Measurement		L.P.	Mils	
Rubber Insertion 13 cm x 32 cm	1	piece			050	XXVII-2 FA.32
(Fifty mils only)						Job No. A5345
Copy to M						

Station **Jerusalem**

Signature

Head of Dept.

DIRECTOR OF P.W.D. Designation

NOTE:— (1) To be prepared in triplicate.
(2) Delivery instructions to be shown in foot note.

33
10.11/2
GOVERNMENT OF PALESTINE

PUBLIC WORKS DEPARTMENT,
NABLUS.
No. 2/2/17.
3rd November, 1942.

Actg. Director of Public Works.

Subject :- Military Roads.
Reference :- Your 9/136 of
23.9.1942.

25
Copy of the estimate
for above is forwarded,
..... herewith.

*Mr. Toister
el check + enter in my book
5/11*

[Signature]
DISTRICT ENGINEER
NABLUS DISTRICT
CENTRAL REGISTRY

File No. 9/136.

52/RZ.

5 NOV 1942

P.W.D. H. Q. Jeru.

Entered as "Library" by
 Entered in "List Books" by
 Date
 Author
 Title
 Volume
 No. of Vols.
 Date
 Name

LAFS LIBRARY-0101

Estimate for Zeita-'Illar Road.

Vague Indefinite

8

973

1) Widening existing road formation including ditches (in earth)	12550	-.2247	MR.	2820.000	✓
2) Widening in earth & rock	5025	-.4771	"	2397.500	✓
3) " " soft rock	10300	-.2822	"	2907.250	✓
4) Supply and Lay new haunch Sta.	26075	-.002	✓	1569.750	✓ 46.16.6
5) Making ditches in earth	4000	-.120	"	480.000	✓ 858.0
6) Replace existing haunch Stones	8900	-.0964	"	835.000	✓
7) Supply and Lay new metal	6300	-.7309	M3	4605.000	✓
8) Supply and apply chippings	2835	-.749	✓ M3	2126.000	✓ 2123.4
9) Supply and apply soling	7365	-.4289	"	3159.000	✓
10) Produce of soling	3375	-.4259	"	1537.500	✓ 1437.5
11) Laying of soling	2700	-.150	✓	405.000	✓
12) Supply of water	Job	440.000	Job	440.000	
13) Making deviation of required	Job	297.500	Job	297.500	
14) Rolling	460	(1.500	✓ day	690.000	✓
15) T...ls, super.cont. & explosives	Job	3030.450	Job	3030.450	
16) Dry stone retaining walls	Job	1539.800	Job	1539.800	
17) Transport	180	1.500	✓ day	270.000	✓
18) Parking places	16	30.000	No.	480.000	✓
19) " "	Job	1050.000	Job	1050.000	
20) Making side track	Job	50.000	Job	50.000	

C.F. = 30709.750 ≈

30709.750

3,9709.750

30709.750

DISTRICT ENGINEER
NABUJID DISTRICT

GOVERNMENT OF PALESTINE

No. 136.

PUBLIC WORKS DEPARTMENT
JERUSALEM

20th October, 1942.

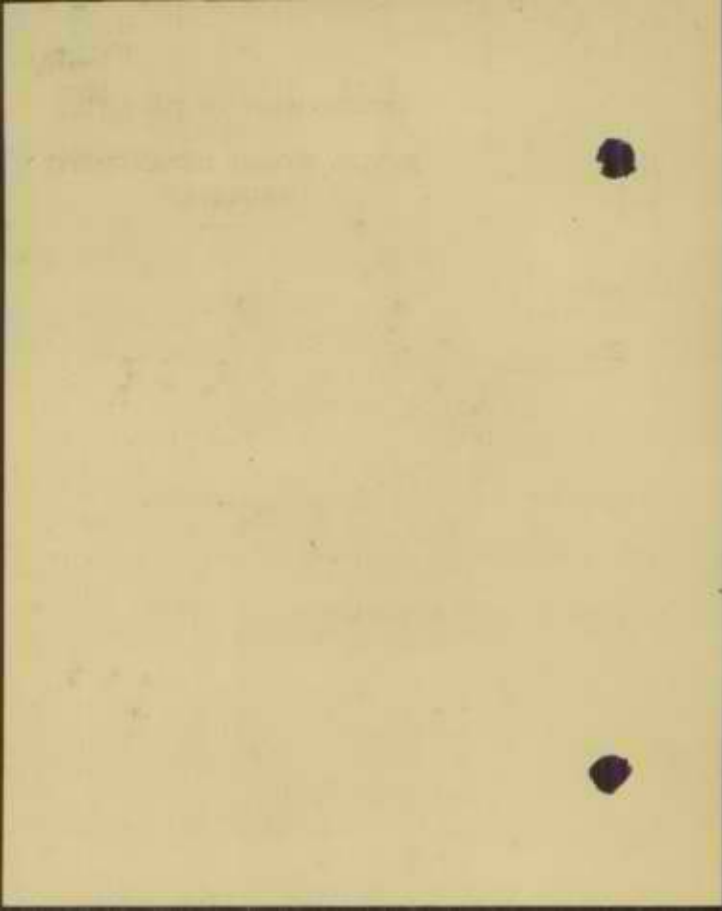
Subject: Military Roads.Reference: 9/136 of 23.9.42.

Actg.

The Director of Public Works presents his

compliments to **District Engineer,**
Nablus District
and requests that a reply may be sent to his communication under reference.

REPLIED 133



9/10/42

PWD. JERUSALEM.
9th October, 1942.

District Engineer,
District.

Subject: Military Roads Programme.

Reference: Discussion in this office on the 7th instant.

The order of priority for road and bridge works in your district is now as follows:

1. Construction of bridges on transporter routes.
Details of bridges concerned have already been forwarded to you.
2. Ras el Ain - Qalgilia.
3. Tulkarm - Narkur.

2. It is agreed that work should be slowed down on the under mentioned roads in order that labour, transport and plant should be made available for work on the roads referred to in the previous paragraph. You should not think that the labour situation will be eased appreciably, but that 2 lorries could be released for work on the Ras el Ain - Qalgilia road. The roads referred to are:

- a) Kilo 99 Sablus-Jenin road to Daga al Oharbiya.
- b) Junction of the above mentioned road to Arraba Fahma-Kfar Ba'i-Tillar-Attil to the junction of the main Tulkarm-Narkur road.

3. Although works on these roads may be slowed down now, it is essential that they should be completed by May first next.

4. The Chief Engineer informs me he has already arranged for 2 lorries to be handed over to you and I have applied to him for 2 concrete mixers, 2 bitumen boilers with sprayer attachments and 1 crusher.

5. In order to expedite progress on the construction of bridges a draughtsman was placed at your disposal to make a survey of what could be done to achieve earlier completion of the bridges. Your report is now awaited and as soon as it is received the necessary timber and iron work will be applied for from the Chief Engineer. It will remain with you to apply for cement.

6. It has been pointed out to the Chief Engineer that to change the type of bridge to be erected may mean the cancellation of the existing contracts and the payment of compensation to the contractors for such cancellation. Every effort must be made to complete the Ras el Ain - Qalgilia road by December 15th next.

7. The Chief Engineer has agreed that if necessary the rates of wages may be raised by you in order to obtain labour.

Sgd. H.M.H. Jones

for Actg. DIRECTOR OF PUBLIC WORKS

Copy to: 9/16/2

9/13/1

9/12/1 ✓

9/10/1

8/18/1

8/17/1

7/31/1

7/31/1

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9/136

PUBLIC WORKS DEPARTMENT
JERUSALEM.

29

8th October, 1942

District Engineer,
Nablus District,

Subject :- Military Roads
Road Km. 96.500 - Kfar Ra'i
Iller - Zeits to Tulkarm
Kerkur Road.

28

Reference:- Your No. 2/2/17 of 3-10-42.

Your proposals to use soft stone for
soling and haunches are agreed to.

2. You are reminded that at a meeting
with Major Twentymen in my office yesterday
it was decided that works on these "Defence
Roads", should be slowed down if thereby labour,
plant and transport could be released and made
available for use on the roads of higher
priority. You ~~stop~~ by slowing down the work
you could be able to release two lorries for
use on the Ras el Ain - Qalqilya Road.

(Sd/-) H. Jones

Actg. DIRECTOR OF PUBLIC WORKS.

No. 2/2/17PUBLIC WORKS DEPARTMENT,
NABLUS.Actg. Director of Public Works. 3rd October, 1942.
-----Subject :- Road, Km.96.500 - Kafr Ra'i-'Illar,
Zeita to Tulkarm-Karkur Road.

May I have your authority to construct that part of the road between 'Illar Village and the Tulkarm-Karkur Road by using soft stone for road foundation with hard metal on top.

2. A considerable amount of time, transport and labour will be thus saved.

3. Construction to be similar to Laifun-'Affuleh Road with the exception that the soft stone will not be crushed by crushers but instead will be laid as a hardcore 30 cms. thick and rolled to a smooth cambered surface before application of metal.

4. Soft stone is abundant at road side but hard stone is not near at hand.

5. I feel sure a good road will result with this form of construction as the hard metal will take the wear.

6. In addition I propose to use soft haunch stones 30 cms. in width when laid or alternatively two rows of haunch stones each side with staggered joints to make up the width to 30 cms. if single stone of this width cannot be easily found. The rest of the road between 'Illar and Km.96.500 is progressing reasonably well considering scarcity of transport.

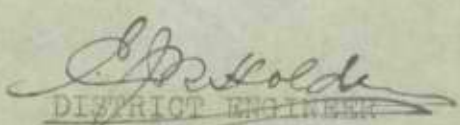
CENTRAL

File No....

9/136

6 - OCT. 1942

P.W.D. H. Qrs. Jerusalem


DISTRICT ENGINEER
NABLUS-DISTRICT

Entered in "M.B." by
Entered in "M.B." by
by

GOVERNMENT OF PALESTINE

27

No. 14/2/85.

PUBLIC WORKS DEPARTMENT,
NABLUS.

Actg. Director of Public Works. 28th September, 1942.

Subject :- Construction of Km. 9.6, Nablus-Jenin, to
Illar Road.

I enclose, herewith, a priced abstract of
cost of the following Agreement:-

- (a) No. NAG/85 of 28th September, 1942, Husni Eff. El Haj 'Ali
Mukhtar of 'Illar
Village, for Supplying,
Stacking, of Haunch
Stones and Metal from
'Illar (well in center
of village near road)
to a point 1 km. along
road to Kafr Ra'i.

- (b) Amount of Agreement: LP 576.000 mils.
(c) Period of Agreement: 40 days.

2. The Head and Sub-Head of Expenditure is
Advances - Military Security Roads - F.A. No. 849
of 8.8.42.

CENTRAL REGISTRY

File No. 9/136.

30. SEP. 1942

DISTRICT ENGINEER
NABLUS DISTRICT

Copy to: A cting Dist. Commissioner, Samaria.
Auditor, } with
Sub-Accountant, Nablus. } copy of
Foreman, Tulkarm. } Agreement.

52/BS.

CR 11/304
113/ce
E

Supplying and stacking ^{small} soling stone and metal from Tilar (well in centre of village near road) to a point 1.0 kilometre along road to Kair Ra'i.

- | | | | | |
|--|------|------------|----|---------|
| 1. Supply to site of road as, when | 700 | -.420 | MS | 294.000 |
| and where directed, good, hard, approved soling stone stacked and all as specified, all to the District Engineer's entire satisfaction. Breaking shall not lag behind deliveries of materials, and screening shall not lag behind breaking of materials. | | | | |
| 2. Provide to roadside good, hard, approved, screened, hand-broken metal to 5 mm. gauge, as, when | 380 | -.520 | MS | 192.000 |
| and where directed, all as specified, all to District Engineer's entire satisfaction. | | | | |
| 3. Provide to site of road, good, hard, approved haunch stones strictly as specified and delivered to road in long continuous lines, all as specified and all to District Engineer's entire satisfaction. | 2000 | -.050 M.R. | | 100.000 |
| Time allowed 30 days. | | | | |
| | | | | 578.000 |

543

576.000

576.00

576.000

DISTRICT ENGINEER
MARINE DISTRICT

GOVERNMENT OF PALESTINE

26

No. 14/2/84.

PUBLIC WORKS DEPARTMENT
NABLUS.

Actg. Director of Public Works. 19th September, 1942.

Subject :- Construction of Kafr Ra'i-Illar Road.

I enclose, herewith, a priced abstract of cost and of the following Agreement.

(a) No. NAC/84 of : With Sa'id Mahmoud 'Obeid
19th September 1942: and Musa Mustafa El 'Ali,
Mukhtars of Kafr Ra'i
Village, for supplying
of metal, soling and
haunch stones for Kafr
Ra'i-Illar Road, from
branch road to old camp
site to a point one
kilometre east of 'Illar
Road.

(b) Amount of Agreement: LP.1364.000 mils.

(c) Period of Agreement: 30 days.

2. The Head and Sub-Head of Expenditure is:
Advances - Military Security Roads - F.A. No.849 of
8.8.42.

CENTRAL REGISTRY	
File No.	9/136
28. SEP. 1942	
P.W.D. G.O. Jerusalem	

CRP *CPD*
cc
2
DISTRICT ENGINEER
NABLUS DISTRICT

Copy to:- Acting District Commissioner,
Samarra.

Auditor.	} With
Sub-Accountant, Nablus.	
Foreman, Jenin.	
	copy of
	Agreement.

4.8.8

Entered in "In Book"

09-1960

03X30N1 0XV2

HA/99

xx

18.9.42.

(Supplying and stacking good, hard, approved, screened, broken metal of 5 cm. gauge, provide haunch stones as specified, all on Kafr Ra'i-'Illar Road from branch road to old camp site to a point (one kilometre east of 'Illar Village.

- | | | |
|--|------------|-----------|
| 1. Supply to roadside as, when and 1400
where directed, good, hard, approved,
hand-broken, screened metal, broken to
5 cms. gauge, all as specified, and
all to the entire satisfaction of
District Engineer. The breaking of
metal shall not lag behind deliveries
of materials and screening of metal
shall not lag behind the breaking. | -.450 M3 | 644.000 |
| 2. Provide and deliver to roadside in 8000
continuous lines as, when and where
directed, good, hard, approved
haunch stones, as specified, all
to the satisfaction of the District
Engineer. | -.045 M.R. | 560.000 |
| 3. Provide to site of road and 1060
stack as, when and where directed,
good, hard, approved soling stone
as specified and all to the entire
satisfaction of the District Engineer
to be supplied from the point of
junction of the old camp road to a point
1500 metres along the road towards 'Illar.
Time allowed is 50 days. | -.340 M3 | 560.000 |
| | | 1,354.000 |

11/10/42
received

1364.000

محمد عبد الحميد
مكة المكرمة

1364.000

1364.000

DISTRICT ENGINEER
MARLBOROUGH DISTRICT

9/136,

P.W.D. JERUSALEM.

25

23rd September, 1942.

District Engineer,
Nablus District.

Subject : Military Roads.

Reference : My 9/122/2 of
17.7.42.

19

When may an estimate of
the cost of the road - Km.96.500 -
Fahma - Kafer Rai - Zoita -
Tulkarm Road be expected, please.

YD A H G H 3000

Actg. DIRECTOR OF PUBLIC WORKS.

Q14.

REMINDED f 31,

REPLIED

f 33

1136

1136

[Faint, illegible text, possibly bleed-through from the reverse side of the page]

1136

LABORATORY FOR TESTING MATERIALS

Institute of the Association of Engineers and Architects in Palestine

"Engineer's Institute" 200, Dizengoff Street, Tel-Aviv (Phone 3279)

T/16840

M 21.509

APPENDIX TO REPORT ON TEST OF ROADSTONE

Test ordered by : District Engineer, P.W.D., Nablus, on 4.8.42

Materials submitted for test : 6 samples of roadstone (boulders & metal) for the construction of Keita-Allar Rd., submitted by i/c P.W.D. Tulkarm (Ref. No. T/4/1)

Object of test : Attrition test of samples Nos. 85 and 90
(See our previous Report dated 27.8.42)

RESULTS

Attrition value

Report No.	Size of aggregates	Attrition value (%)
85	2"	16,8
90	2"	41,2

Tel-Aviv, 16th September 1942.

M. M. M. M.
i/c Building Department.

Copy to: Director of Public Works, Jerusalem,
Geologist, P.W.D., Jerusalem.

File in 9/36

Original in
24/60/3.

CENTRAL REGISTER

File No. 9/136.
14. SEP. 1942

P.W.D. H. Qrs. Jerusalem

GOVERNMENT OF PALESTINE

PUBLIC WORKS DEPARTMENT,
NABLUS.

IN REPLY PLEASE QUOTE

No. 14/2/78.

10th September, 1942.

Acting Director of Public Works.

Subject :- Construction of Km. 0.000 - Km. 2.000 of the Km. 96.500
on the Nablus-Jenin Road to 'Illar.

I enclose, herewith, a priced abstract of cost of the
following Agreement:-

- (a) No. NAC/78 of 10th September, 1942) With Muhammad Eff. Dawud 'Abdul Hadi, on
behalf of the Mukhtars of Yal'bad Village,
for the supply of metal and soling and
haunch stones for above.
- (b) Amount of Agreement: LP. 1084.600 mils.
- (c) Period of Agreement: 30 days.

2. The Head and Sub-Head of Expenditure is Advances - Military
Security Roads - F.A. No. 459 of 21.5.42.

Copy to:- Actg. Dist. Commissioner, Samaria. NABLUS DISTRICT
Auditor.) With
Sub-Accountant, Nablus.) copy of
Foreman, Jenin.) Agreement.

10-10-1944

CARD INDEXED UNDER

Entered at City of New York

Supply at roadside stacked soling stones and stacked and screened metal and haunch stones, all strictly as specified between Km.96.500 and a point 8 kilometres along proposed road from Km.96.500, on Nablus-Jenin Road towards 'Illar.

- | | | | | |
|--|------|------------|----------------|---------|
| 1. Open up quarries, produce haunch stones strictly as specified and deliver same to roadside and lay out in continuous lines, all as, when and where directed. The stones are to be laid out in continuous lines for inspection and measurement and acceptance if strictly complying with the specification. The depth of all haunch stones shall be not less than 35 cms. Minimum rate of delivery each day is to be 300 metres run. | 4000 | -.050 M.R. | <u>200.000</u> | 200.000 |
| 2. Produce, supply to roadside and stack, all as, when and where directed, good, hard, approved soling stone as specified. The stone shall be paid for as measured stacked. The stacking shall be done as compactly as possible, and all the work shall be carried out to the entire satisfaction of the District Engineer. The soling shall be delivered and stacked at a rate not less than 50 M3 per day. | 1470 | -.380 M3 | <u>558.600</u> | 558.600 |
- مسردو علیا دی

3. Provide to site of work good, hard, approved, screened and stacked hand-broken metal as specified broken to 5 cms. gauge, as, when and where directed, all to the entire satisfaction of the District Engineer and all as specified. Stacking to be done to an approved trapezoidal cross-section. The breaking of metal, the screening and stacking of metal and delivery of material for breaking shall proceed at the same rate. Minimum deliveries per day shall not be less than 25 M3 per day.

665

--.490

M3

326.000

758.600

326.000

مردود علی داری

1084.600

1084.600

E. Foralder
DISTRICT ENGINEER
NABLUS DISTRICT

LABORATORY FOR TESTING MATERIALS

Institute of the Association of Engineers and Architects in Palestine

"Engineer's Institute" 200, Dizengoff Street, Tel-Aviv (Phone 3279)

T/15840

23A
21.509

REPORT ON TEST

OF

ROADSTONE

Test ordered by : District Engineer, P.T.D., Nablus, on 4.8.42

Materials submitted for test : 6 samples of roadstones (boulders & metal) for the construction of Zeita-Allar Rd., submitted by i/c P.T.D. Tulkarm (Ref. No. T/4/1)

Object of test : Mechanical and physical properties in accordance with B.S.S. No.812-38

RESULTS

Marked	Coordinates	Report No.
No.1	15425 : 19985	85
" 2	16085 : 19695	86
" 3	16045 : 19915	87
" 4	15705 : 19845	88
" 5	15910 : 19825	89
" 6	15975 : 19770	90

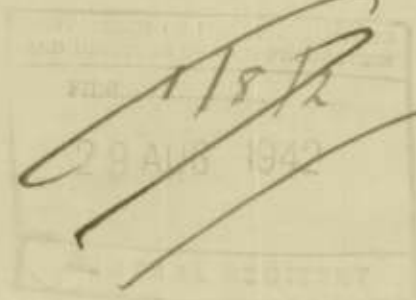
A. Density and water absorption

Report No.	Density	Water absorption (%)
85	2.10	8.9
86	2.43	3.2
87	2.57	1.87
88	1.47	26.6
89	1.95	9.0
90	1.75	17.2

File in 9/136

Original in 24/60/3.

P.T.D.



B. Attrition value

Report No.	Size of aggregates	Attrition value (%)
85	2"	-
86	2"	7.5
87	2"	9.4
88	2"	45.9
89	2"	31.2
90	2"	-

C. Crushing strength

Report No.	Crushing strength (kg/cm ²)
85	670
86	1180
87	800
88	55
89	290
90	123

D. Toughness

Report No.	Toughness
85	11
86	7
87	8
88	3
89	5
90	3

E. Hardness

Report No.	Hardness
85	11.3
86	12.1
87	14.6
88	6.0
89	7.6
90	0.7

Tel-Aviv, 27th August 1942.

Meiravsky

i/o Building Department.

Copy to: Director of Public Works, Jerusalem.

Geologist, P.W.D., Jerusalem, with samples of stone.

27

22
NOTES ON CONFERENCE HELD AT KARKUR ON 3 AUG. 1942.SUBJECT : ROADS, HAIFA JENIN AREA.

1. The following attended the conference :-

C.R.E. No.85
D.C.R.E. Jenin
S.O.R.E. Roads to C.E. Pal. & T.J.
Deputy Director of Public Works.
District Engineer P.W.D., Haifa Area.
District Engineer P.W.D., Nablus Area.

2. The conference was arranged in order to settle any difficulties that might arise over the division of responsibilities between the Army and the P.W.D., to decide these responsibilities finally and to discuss the subject of rates of labour paid by each party.

3. The following decisions were made :- 18

(a) The respective responsibilities of the C.R.E. and the P.W.D. to remain as set out in this office letter No.E/205 of 15 July 42 (to D.P.W., copy to C.R.E. 85).

(b) The only variation from this letter to be the alteration to the route ZEITA - ILLAR - KPAR RAI - FAHME, whereby this route, instead of passing through ARRABA to join the main road at K.99, should lead direct from FAHME to join the main road at K.96.5.

C.R.E. has the formation from K.96.5 to FAHME and from KPAR RAI to ILLAT in hand and when this is finished (estimated date about Aug. 13th) he will hand over to P.W.D. who will complete the route.

P.W.D. will maintain the track FAHME - ARRABA Station.

(c) It was agreed that the alignment of the two routes DALIYAT AL KARMIL to HAIFA - BENYAMINA road should be adjusted by the P.W.D. as necessary and that the village of LJZIN should be bye-passed.

C.R.E. will stop work on these two roads as soon as requested to by P.W.D. and will arrange with P.W.D. what labour to hand over to them.

4. Rates of Labour. In order to avoid competition it was agreed that the P.W.D. would pay the same rates for labour as the Army, i.e. 180 mils/day for unskilled Arab Labour for an 8 hour day. Overtime to be avoided where possible, but where paid to be at the rate per hour as normal pay.

The question of securing an agreement on the same lines from SOLEL BONEH Ltd. for their contract in this area and from the contractor now employed on aerodrome work in the vicinity of BAQA AL GHARBIYA is being taken up.

Distribution:

Director of Public Works.

C.E.

D.C.E.

S.C.I.

C.R.E. 85

War Diary

File E/205A

Sgd. A.R. Twentymen

Major R.E.

S.O.R.E. (Works.

Original in 9/122

Copy for 9/136.

6 Aug. 1942.

XXXXX 486 XXXXXX 20.6.39
Harbour Estate Drainage.

Halfa XXXXXXXXXX.
W. Extra. XXVII-117 Miscellaneous.
XXXXXXXXXXXXXXXXXXXX.

Contingencies

Development of Reclaimed Area Halfa

Time Book 2.

HD/361

15.11.35

30.11.35

16 17 18 19 20 21

1. Ass. Surv. Bircha Rediminet

- X X - - -

8 480

900

Nine hundred mile only.

XX/12 435

XXXXXXXX

30.6.35. NORMAN PORTEOUS.

Dec. 5, 1935.

ENGINEER IN CHARGE
HAIFA MAIN DRAINAGE.

Extract from
Notes of Inspection
by A.D.2 on 3.8.1942.

21

A) Meeting with District Engineer and Military representatives at Karkur to discuss and decide upon matters relating to the Military Road Programme between Baqa al Gharbiya and Haifa.

Present at the meeting were

- (a) Col. Palmer Cooke, J.R.M. No.85
- (b) Major Twentymen, Representing C.E.
- (c) Major Trelaw, D.C.R.E. Jenin
- (d) D.E. Haifa, D.E. Habbus and A.D.2.

9/36
3. Route Habbus-Jenin road to Fahma-Kfar Rai-Illor-Baqa al Gharbiya road. C.R.E. stated that his D.C.R.E. had completed earth work from km.96 on the Habbus Jenin Road to Fahma and Kfar Rai-Illor and for tactical purposes, it was necessary that the road to be constructed should follow this alignment. Major Twentymen on behalf of the Chief Engineer stated such was the case. The C.R.E. will complete the earth work in 10 days when his labourers will leave this area and the remainder of the road including the laying of soling on the earth work made by the Military will be carried out by Denab. From Fahma to the junction of the road from Yebad to Km.99 on the Habbus Jenin road will continue to be maintained by Denab as a Security Road.

File in 9/136

ENGINEER IN CHARGE
HABERS DISTRICT

21st June 1930

Philip. P. Taylor.

Encl: 1 Variation Order
Encl: 1 Bill, 4 quotations, 1 W.O. No 135
PA No 258 of 23.5.30

LP: 16 300

9/122

P.W.D. Jerusalem
July 28th, 1942

20

Chief Engineer,
H.Q. Pal. Base & L. of C Area.

URGENT

Subject : Military Road Programme.

18

Reference: Your No.E/205 of 15.7.1942.

281-9122

I forward herewith a copy of letter No.2/2/17. of 24.7.1942 from the District Engineer Nablus which is self explanatory. It is clear that the District Engineer and the C.R.E. and/or the D.C. R.E. have been giving conflicting instructions as it is unnecessary and inadvisable for two bodies, yourself and this Department to be working on the same jobs.

2. In the circumstances I am instructing the District Engineer to cease work on the road under reference - Arraba - Fahme - Kfar Rai - Illar - Attil - Zeita - junction of main Tulkarm-Kerkur Road, and that he is not to undertake any works on the roads

- (a) Junction of the road Km.99 to Baga el Gharbiya to Ara
- (b) Kfar Rai - Arraba to the Nablus-Jenin Road at Km.96.500 and
- (c) the improving of the road from Km.104 Nablus-Jenin Road to Kufeir via Qabatiya.

3. I endorse fully the remarks made by the District Engineer regarding competition for labour and know only too well from experiences elsewhere that this Department has little

P.T.O.

prospect of obtaining high class labour to work on schemes in areas in which the Military Authorities or their Contractors are also engaged on the execution of schemes.

4. I wish to point out that I am quite prepared to assist you in the execution of the Military Road Programme but I cannot agree to two organisations such as yours and mine being engaged on the same schemes, nor am I prepared to undertake works in an area in which there is likely to be competition between your organisations and mine for the available labour.

5. In these circumstances will you kindly ~~inform me~~ :

- inform me*
- (a) what works you wish me to carry out in the area under reference,
 - (b) inform me whether the works referred to by you in reply to (a) above will be carried out solely by my Department. (I refer to the execution of work only and not to the collaboration that must be obtained between C.R.E's and the District Engineer on questions of alignment, curves, grades etc).
 - (c) let me have your assurance that there will be no competition for labour between your organisation and mine.

18-11 V. KENNEDY

Actg. DIRECTOR OF PUBLIC WORKS.

Copy to: 9/22/2

9/36

83.

27/3/2

2/122/2.

P.W.D. JERUSALEM.

17th July, 1942

District Engineer,
Nablus District.

Subject : Military Road Programme.

The following work is called for under the Serial Numbers shown and as priority No.12B with sub priorities as indicated opposite the various items viz. the construction of :-

- Serial No.59 (i) a 4 m. wide transporter route from Kilo 99 on NABLUS - JENIN Road (171201) to HAQAFAL GHARBIYA (154202).
- Serial No.60 (ii) a 3 m. wide track from junction of route (i) - ARABA (159201) FAKHE - KAFR HAY - TILAR - ATTIL - KHITA - junction of main TULKARM - KARKUR road.

2. The section of road from Kilo 99 on the NABLUS-JENIN Road to AHA is being attended to by C.R.E. No.85 as a 5 m. track and pending further instructions from this office you will take no interest in this route.

3. The 4 m. wide transporter route Priority (i) above shall be made with passing places 40 m. long to a full width of 6 m. every 400 yards. where there are blind corners the passing places should be made more frequently. The 3 m. wide track should be made all-weather with passing places similar to those called for above. The route however need not be made suitable for transporters.

4. No bitumen will be available for this work except perhaps for sealing in due course. The road and tracks should, therefore, be made to water bound macadam standard except that where there are gradients or sharp corners on the transporter route sand grout construction should be resorted to. Should you require any further information regarding the alignments of these routes etc. you should communicate direct with C.R.E. No. 85 KARKUR.

P.T.O.

5. You should put the schemes in hand as soon as possible and submit your estimates which should show clearly the work involved and the cost of each scheme without delay. Lengths from defined points should be given.

6. Please inform me how many additional rollers you will require to complete the works you have in hand, together with these new works, before the winter.

W. H. Jones
Actg. DIRECTOR OF PUBLIC WORKS.

Copy to: 9/122.

9/131.

9/136. ✓

R14.

REFERRED TO 25

SUBJECT :- Road Programme 1942.

H.Q. PALESTINE

E/203.

15th July, 1942.Director of Public Works.Copy to: No. 85 GRE Works (Karkur)
File E/41/3.

1. Reference my even number of 12 Jul. 42, the programme of roads contained therein is now to be modified as follows :-

Roads to be done by P.W.D. in order of priority :-

- (i) ARA (157212) to junction of main ZICHRON YACOV road opposite turning to UMM AZ ZINA, as 4 M. Transporter Route.
- (ii) KILO 99 on NABLUS - JENIN road (171201) to BAQA AL GHARBIYA (134202), as 4 M. Transporter Route.
- (iii) DALIYAT AL KARMIL to main HAIFA - BINYAMINA road via KIN SAUD (148234), as 3 M. track.
- (iv) Ditto via IJZIN (149227), as 3 M. track.
- (v) Junction of route (ii)) AFRABA (169201) - FARME - KAFR RAI - ILIAR - ATTIL - ZEITA - junction of main TULKARM - KARKUR road, as 3 M. track.

2. The portion Kilo 99 on NABLUS - JENIN road - ARA, which you were requested in my a/m letter to do, is in hand by C.R.E. 85 as a 5 M. track and you may be requested later to put down sealing or carpet on portions of it.

3. The types of road required remain as before, i.e., 4 M. wide transporter roads with passing places as described in my a/m letter, and 3 M. wide all-weather tracks, also with passing places.

4. Alignment of route (i) above should be decided in conjunction with C.R.E. No. 85 (KARKUR) who will advise on tactical requirements.

5. With regard to routes (iii) and (iv) above, both routes should bye-pass the village of DALIYAT AL KARMIL to join the existing road DALIYAT AL KARMIL to UMM AZ ZINA.

6. With regard to the road, now under construction by you, running up the wall east of ATHLIT Detention Camp, it is not required that this road should be brought up to first class standard. All that is needed is an all-weather track suitable for light traffic. The main work required for this is the strengthening of retaining walls.

7. Will you please straighten out the bad bends in the village of ISFIYA, N.E. of DALIYAT AL KARMIL.

8. The priority of all the above mentioned work comes next to the new TULKARM - KARKUR Police Post road, as in para 6 of my a/m letter.

Sgd. A.R. Twentyman Maj.
for Brigadier,
C.E. Palestine & T. J.

14.

Original in 9/122.

Copy for 9/136.

RECEIVED 120
29

GOVERNMENT OF PALESTINE.

No. 599

(To be numbered serially
by issuing Department.)

FINANCIAL ALLOCATION.

To whom issued **District Engineer, Jaffa** Station **Jaffa**

To provide for necessary services during

1934 - 1935

28135-25000-25434-OP

(1)	Item in Estimates	(2)	Head & Sub-Head of Expenditure	(3)	Last Allocation made in respect of this Sub-Head under F.A. No.	(4)	Amount of Present Allocation	(5)	Total Amount of all Allocations under this Sub-Head to-date	(6)	Total Amount provided including Special Warrants (if any)
-----	-------------------	-----	--------------------------------	-----	---	-----	------------------------------	-----	---	-----	---

XXVIII	P.W. Extraordinary	Miscellaneous	Purchase and Installation	of weightbridges and purchase of portable loads-	meters.	568	25	-	792	-	1,120

Column 4 should show the present allocation to the individual.
Columns 5 and 6 should show totals in relation to the Sub-Head shown in the Estimates.

Date 8.11.1934

District Engineer, Jaffa District

DIRECTOR OF PUBLIC WORKS.

(Sgd) FAWCETT PUDSEY

Head of Department

NOTE - A copy of this Financial Allocation must be sent to the Treasury and to the Sub-Accountant at the Station at which operative.

Sub-Acc. Jaffa

SUBJECT :- Road Programme, 1942.

H.Q. PALESTINE

E/205.

12th July, 1942.Director of Public Works.Copy to: No.85 C.R.E. Works (Karkur)
File No. E/41/3.

1. Reference conversation Mr. JONES - Major TWENTYMAN, will you please put the following new roads in hand :-

- (a) Kilo 99 on NABLUS - JENIN Road (171201) - YABAD - ARA (157212) - MU'ARIYA (160215) - AL KAPRIN (161220) DALIYAT AR RAHMA (157223) - Junction of main ZICHRON YACOV - HANSOURA road opposite turning to UMM AZ ZINA to be 4 M.
- (b) Junction of route (a) at 167204 (South of YABAD) - BAQA AL GHARBIYA (154202). To be 4 M.
- (c) DALIYAT AL KARMIL to main HAIFA - BINYAMINA road via EIN HAUD (148234) To be 3 M.
- (d) Ditto via IJZIM (149227). To be 3 M.

2. Routes (a) and (b) above to be 4 M. wide all-weather roads with passing places 40 yds long every 400 yds. Where road is blind, passing places to be more frequent. These roads to be made suitable for transporters.

3. Routes (c) and (d) above to be 3 M. wide all-weather tracks with similar passing places. They need not be made suitable for transporters.

4. No bitumen will be available except for sealing; roads and tracks will therefore be waterbound, except that semi grout should be used on transporter routes for sharp corners and steep gradients.

5. Certain portions of the above routes are already metalled, 3 M. wide. Work has already been started by No.85 C.R.E. Works (KARKUR) on some portions of other routes and he has reconnoitred them all. It is suggested that your representative should contact him.

6. Please insert these new roads in the 1942 Road Programme (Appendix A to my CR/PAL/16796/AS of 17 Apr 42) as priority 12 B. Work should be completed before the rains.

7. Please inform me how many more rollers you now need to complete our 1942 road programme down to priority No.24 (inclusive) before the rains.

Sgd. A.R. Twentyman Maj.
for Brigadier,
C.E. Palestine & T.J.

14.

TRANSFERRED TO 118

*Original in 9/122.**Copy for 9/136.*

ON

089

(To be numbered serially by issuing Department)

FINANCIAL ALLOCATION.

To whom issued

D.P.M.

Station

Jerusalem

To provide for necessary services during

1934-1935

28135-25000-25434-OP.

(1)	(2)	(3)	(4)	(5)	(6)
Item in Es- timates	Head & Sub-Head of Expenditure	Last Allocation made in respect of this Sub-Head under F.A. No.	Amount of Present Allocation	Total Amount of all Allocations under this Sub-Head to-date	Total Amount provided Warrants (if any) including Special
				Mile	Mile
				R.P.	R.P.
				Mile	Mile

XXVIII	P. W. Extraordinary
--------	---------------------

P. W. Extraordinary

Miscellaneous

Development of Reclamant

Ar. 18. 18. 18.

595

ET

6,838.-

11,300,000

(Thirteen Palestine Pounds only)

~~3/173~~

Column 4 should show the present allocation to the individual. Columns 5 and 6 should show totals in relation to the Sub-Head shown in the Estimates.

Date _____

1.11.34

D.P.W.

KINSELL

District Attorney

which operative.

NOTE:- A copy of this Financial Allocation must be sent to the Treasury and to the Sub-Accountant at the Station at

Head of Department

DIRECTOR OF PUBLIC WORKS.

9/136.

December 29th, 1939.

District Engineer,
Nablus District.

Subject : Spur Road to 'Arrabeh Post.
Reference: Your No.2/8 of 23-12-1939.

There is no objection to your carrying out the construction of the spur road to 'Arrabeh Post at an estimated cost of LP.30 provided you receive a Works Order for the work in accordance with the details given in my letter No.36/21 of 20-10-1939 with regard to the Military works services.

(Sgd.) H. C. H. Jones
DIRECTOR OF PUBLIC WORKS

15

Gen. 12, A.

GOVERNMENT OF PALESTINE

IN REPLY PLEASE QUOTE

NO 2/8.

(2)

C.P.O.

Renab may carry out the work
the Military give him a W/O.
any comments? Went

PUBLIC WORKS DEPARTMENT,
NABLUS.

23rd December, 1939.

Director of Public Works. 27/12

ad.
no, only this is
must insist on the
W/O
A
27/12

Subject :- Spur Road to 'Arrabeh Post.

I attach copy of letter No.2/10/43 from
O.C., 12th Field Company, R.E., dated 20.12.39.

The road in question is approximately
100 metres in length. Estimated cost of construction
in accordance with Military Specifications is LP.30.--,
excluding parking space, if required.

Please instruct.

CENTRAL REGISTRY
File No. 9/136.
27. DEC. 1939
P.W.D.H.
67/SH.

My Bnlos
Actg. DISTRICT ENGINEER
NABLUS DISTRICT

REPLIED
f 16

14
D. 7. 12
E.

IN
Approach Road - Arraba Camp.

Subject:-

Ref No: H/10/43.

District Engineer,
P.W.D., Nepal.

C.R.R. 8th Division.
D.C.R. 2., Haila.

Permission has been received to improve
the road from the Arraba - Haila R.F. track to Arraba
Post up to all weather standard.

Will you please undertake this work and
forward an estimate to D.C.R. 2., Haila.

Major R.F.
O.C. 10th Field Company R.F.

Haila.
20 Dec. 1950.

Subject:-

Approach Road - Arraba Camp.

Ref No: R/10/43.

District Engineer,
P.W.D., Nablus.

C.R.E. 8th Division.
D.C.R.E., Haifa.

Permission has been received to improve the road from the Arraba - Kafr Ra'i track to Arraba Post up to all weather standard.

Will you please undertake this work and forward an estimate to D.C.R.E., Haifa.

Haifa.
20 Dec.1939.

Major R.E.
O.C. 12th Field Company R.E.

13
EXTRA

9/136

21. DEC. 1939

P.W.D. H. Qrs. Jerusalem

PUBLIC WORKS DEPARTMENT
NABLUS.

19th December, 1939.

25/39/2.

VARIATION ORDER NO. 3.

Mukhter of Fahma,
Fahma.

Subject :- Construction of Road - Kafr Ra'i Boundary
to Arrabeh Boundary.

Reference :- Agreement No. NA/25/39/2 of 28.6.39.

Pursuant to Clause 8 of the above mentioned Agreement,
please note the following variations:-

Additions:-

Item 1 - Supply and stack metal etc. 115 NR. @ P.O. 0.080 = P. 9.200

Total Additions = P. 9.200

Copy to :- Director of Public Works.
Auditor.
Sub-Accountant, Nablus.
Foreman, Jenin.

My Pulos
Actg. DISTRICT ENGINEER
NABLUS DISTRICT

67/AA.

2000 JUN 12

1000

Card Indexed Under
by
in "On Book" by
Entered as "Reply" by

25/39/2.

Variation Order No.2

7th December, 1939.

Mukhtar of Fahma,
Fahma.

Subject :- Construction of Road, Kafr Ra'i
Boundary to 'Arrabeh Boundary.

Reference :- Agreement No. NA/25/39/2 dated
28.8.39.

Please note that Variation Order No.1 dated
28.10.39 and my subsequent letter dated 31.10.39 are hereby
cancelled.

CENTRAL REGISTRY	
File No.	9/136.
	9 - DEC. 1939

f *M. P. Bulo*
DISTRICT ENGINEER
NABLUS DISTRICT

Copy to:- Director of Public Works.
Auditor.
Asst. Dist. Commissioner, Jenin.
Sub-Accountant, Nablus.
Foreman, Jenin.

39/3.

Variation Order No.5

7th December, 1939.

Mulchters of 'Arrabeh,
'Arrabeh.

Subject :- Construction of Road, Km.4.200 -
Km.9.100, Kafr Ra'i Road.

Reference :- Agreement No. RA/25/39/3 of 12th
October, 1939.

Please note that Variation Order No.1 dated
7.11.39 is cancelled. The total length of road to be
constructed by you is now 4.450 kilometres.

CENTRAL REGISTRY
File No. 9/136.
9- DEC. 1939

f *My P.O. No.*
DISTRICT ENGINEER
NABLUS DISTRICT

Copy to:- Director of Public Works. —
Auditor.

Asst. Dist. Commissioner, Jenin. —
Sub-Accountant, Nablus.
Foreman, Jenin.

CENTRAL REGISTRY
File No. 9/136.
10. NOV. 1939
P.W.D.

10

PUBLIC WORKS DEPARTMENT,
NABLUS.

5/39/3.

Variation Order No.2

7th November, 1939.

Mukhtars of 'Arrabeh,
'Arrabeh.

Mem. A.M. 1/11
W. CRO
E

Subject :- Construction of Road, Km.4.200 - Km.9.100,
Kafr Ra'i Road.

Reference :- Agreement No. HA/25/39/3 dated 12.10.1939.

Pursuant to Clause 8 please note the following variations:-

A. Deductions.

- (1) Supply and stack *metal* etc. - 450 M.R. @ 0.080 = 36.000
- (2) Take up and re-lay *haunch* stones
etc. - 900 M.R. @ 0.015 = 13.500
- (3) Provide all water etc. - .450 Km. @ LR 10 = 4.500

Total Deductions = LP.54.000

[Signature]
DISTRICT ENGINEER
NABLUS DISTRICT

Copy to:- Director of Public Works.
Auditor.
Sub-Accountant, Nablus.
Foreman, Jenin.

67/SH.

ORDER	by	54
	"On Book" by	
	Excerpt as "Teach" by	

CENTRAL REGISTRY

File No. 9/136
10. NOV. 1939

P.W.D.

PUBLIC WORKS DEPARTMENT
NABLUS.

25/39/1.

VARIATION ORDER NO.1.

7th November, 1939.

Said Mohd. El Aboud,
Moussa Mustafa el Ali,
Mukhtars of Kafr Ra'i.

May 27/24
N C R
2

Subject :- Construction of Road Km.0 - 2.2 of Kafr Rai Road.

Reference :- Agreement No.NA/25/39/1 of 28.8.39.

Pursuant to Clause 8 of the above mentioned Agreement,
please note the following variations:

A. Deductions:

(1) Supply and stock *metal* etc. 296 M.R. @ 0.085 = IP.25.160

Total Deductions: IP.25.160

Copy to :- Director of Public Works.
Auditor.
Sub Accountant, Nablus.
Foreman i/c., Jenin.

El Aboud
DISTRICT ENGINEER
NABLUS DISTRICT

67/AA.

REF

第 12 页

Entered in "Good" by

by "Aldrich" 21

CENTRAL REGISTRY

File No. 9/136.

4- NOV. 1939

P.W.D. H. Qra. Jerusalem

PUBLIC WORKS DEPARTMENT,
NABLUS.

25/39/2.

31st October, 1939.

Mukhtar of Fahma,
Fahma.

Handwritten: *Mem AD2 CAO OS A*
Subject :- Contract No. NA/25/39/2.
Reference :- My 25/39/2 of 28.10.1939.

Please amend the amount of the increase in above
to read LP.175 instead of LP.165.-
Ab

[Signature]
DISTRICT ENGINEER
NABLUS DISTRICT

Copy to:- Director of Public Works.
Auditor.
Sub-Accountant, Nablus.
Foreman, Jenin.

61/SH.

CARD INDEXED UNDER
Entered in "On Deck" or
Entered as "Reply" to

CENTRAL RECORDS
File No. 9/136
31. OCT. 1939
P.W.D.

7

PUBLIC WORKS DEPARTMENT,
NABLUS.

25/39/3.

Variation Order No.1

28th October, 1939.

Mukhtars of Arrabeh.

MA. J. 1/1
R. CAO
E.

Subject :- Your Contract No. NA/25/39/3.

The amount of work required under item 1 is decreased by 2000 metres run to read 2900 metres run.

The amount of work under item 2 is decreased from 9800 metres run to read 5800 metres run.

The provisional item No.3 is decreased by 100 metres run to read 400 metres run.

Item 4 is reduced from 4.900 kilometres to read 2.900 kilometres.

The time of completion has been reduced from November 30th to November 15th.

E. J. N. HOLDER

DISTRICT ENGINEER
NABLUS DISTRICT

Copy to:- Director of Public Works. /
Auditor.
Asst. Dist. Commissioner, Jenin.
Sub-Accountant, Nablus.
Foreman, Jenin.

RECEIVED 10/18

5/9H.

CARD INDEXED UNDER

Entered in "On Book" by

Entered as "Reply" by

PUBLIC WORKS DEPARTMENT,
NABLUS.

28th October, 1939.

25/39/2.

Variation Order No.1.

Mukhtar of Fahma.

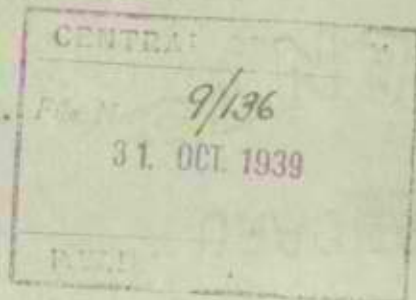
Subject :- Contract No. NA/25/59/2.

The amount of work required from you under item 1 of your Contract is extended from 2000 metres run to 4000 metres run, and item 2 is increased from 2000 metres run to 3000 metres run. The time of completion is extended till the 15th November, 1939. The gross value of your Contract is increased by LP.165.-

DISTRICT ENGINEER
HABLU DISTRICT

Copy to:- Director of Public Works. —
Auditor.
Asst. Dist. Commissioner, Jenin.
Sub-Accountant, Habbus.
Foreman, Jenin.

5/SH.



CARD INDEXED UNDER
by
Entered in "In Book" by
Entered as "Reply" by

5

Gen. 12. A.

GOVERNMENT OF PALESTINE

IN REPLY PLEASE QUOTE

N 25/39/3.

Director of Public Works.

PUBLIC WORKS DEPARTMENT,
NABLUS.
17th October, 1939.

Mr AD
CAO
A

Subject :- Construction of Military Programme Road No.25/39,
Kafr Ra'i Road.

..... Enclosed please find a copy of the following Agreement:-

- | | |
|--|--|
| (a) No. NA/25/39/3 dated
<u>12th October, 1939.</u> | } With the Mukhtars of 'Arrabeh for
the Construction of Road from Junction
of Ya'bad track towards Fahma of the
above road. |
| (b) <u>Amount of Agreement.</u> | |
| (c) <u>Period of Agreement.</u> | |
- LP.668.000 mils.
43 days.

The Head and Sub-Head of Expenditure is P.W. Extraordinary
XXIX-80 - Public Security Roads and Tracks - F.A. No.664 of 24.8.39.

CENTRAL REGISTRY

File No. *9/136.*
21. OCT 1939

[Signature]
DISTRICT ENGINEER
NABLUS DISTRICT

Copy to:- District Commissioner, Samaria.

Auditor.

Sub-Accountant, Nablus.

Foreman i/c., Jenin.

} With copy of Agreement.

61/SH.

Entered as "Reply" by _____

[illegible]

Бр

11/12

Agreement no. NA/25/39/3

AN AGREEMENT made this 12th day of October 1939

between E. J. N. HOLDER

District Engineer Nablus District for and on behalf of
the Government of Palestine (hereinafter called the D.E.)

and Abdel Karim Saif Abdel Hadis Mohammed
Hassan el Ali & Ahmed Said Haj Taher
Mukhtar(s) for and on behalf of the village of Qasabeh

(hereinafter called the Contractor) for the construction of a
from junction of road to Wanda Falmo. 4.8 Km. long
road between Km. _____ and Km. _____ of the Kaf Rie
Road Road whereby it is agreed as follows :-

1. In consideration of the moneys to be paid by the D.E. in accordance with the rates set forth in Abstract of Estimate of Cost No. NA/83 dated 24.8.39 attached hereto the Contractor agrees to carry out the works set forth in the said Abstract of Cost in accordance with the conditions set forth in this agreement and the specification attached hereto.
2. The Contractor undertakes to commence the said works on the 14th day of October 1939 and to complete the same on or before the 30th day of November 1939.
3. The Contractor agrees to pay to the D.E. in name of liquidated damages the sum of LP.0.500 mils for each day by which the work remains uncompleted beyond the date specified in the preceding clause.
4. Payments will be made by the D.E. to the Contractor in accordance with measurements agreed and signed by both parties hereto.
5. In the event of undue delay on the part of the Contractor in executing the work the D.E. shall have the right to cancel this agreement and execute the work in any manner he shall think fit.
6. The D.E. shall issue on loan to the Contractor all road making tools necessary for the execution of the work. The

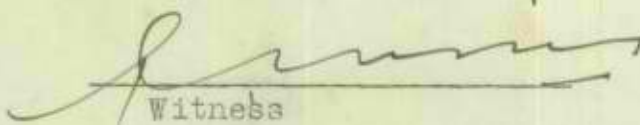
Contractor shall be responsible for returning the said tools to the D.E. in good condition fair wear and tear being allowed. Any deficiencies in the tools returned shall be made good at the expense of the Contractor.

7. The Contractor shall employ labourers from the hamulas of his village in proportion to their numbers. In the event of insufficient labour being available he shall, after obtaining the consent of the District Administration, employ labourers from the nearest village.
8. The amount of work may be increased or decreased at the discretion of the D.E. Notice of such variation shall be given in writing by the D.E. to the Contractor.
9. During the progress of the work the Contractor shall keep on the work a competent Overseer.
10. On completion of the work the Contractor shall clear the site of all rubbish and debris.
11. All accidents which may occur on the work to the Contractor's workmen shall be at once reported to the D.E. or his representative and a statement in writing by three eye witnesses shall be sent to the D.E. by the Contractor. Should the Palestine Government in its unfettered discretion decide that compensation shall be paid it shall be assumed that the daily rate of pay for all workmen employed on the work is 80 mils per day.
12. Any matter in dispute between the parties shall be referred to the Director of Public Works as sole arbitrator whose decision shall be final.

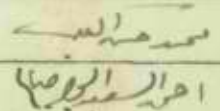
As witness our hands the day and year first above written.

(Sgd.) E. J. N. HOLDER

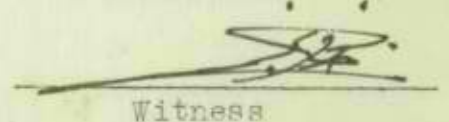
District Engineer
P.W.D. NABLOS DISTRICT


Witness





Contractor


Witness

GENERAL SPECIFICATION

1. Setting Out -

The centre line pegs and all level pegs, required to indicate the alignment and grade of the road shall be set out by the D.E. The contractor shall at his own expense attend upon and supply all labour and assistance required, and shall be responsible for protecting all setting out marks or pegs throughout the period of construction.

2. Formation -

(a) Materials.

The materials required shall be excavated from such places as may be indicated by the D.E. The Contractor shall excavate, transport and consolidate the materials for the formation and berms in accordance with the instructions of the D.E. Except where otherwise ordered by the D.E. the top overall width of the formation shall be 7 metres.

(b) Side drains.

Side drains will be excavated to the widths and depths indicated and all surplus materials shall be disposed of as directed by the D.E.

(c) Subgrade.

The subgrade of the road will be formed by the Contractor to the cambers and levels as set out or indicated.

(d) Back excavation.

All rock excavated shall be set aside for use as soling or metal if so required.

(e) Explosives.

If explosives are used for blasting the cost of the explosives will be borne by the District Engineer under whose supervision all charges will be-fired. The Contractor shall at his own expense supply all labour required for drilling and placing charges.

(f) Rates for formation.

The rates to be paid for earthwork and road formation shall be on the basis of a lump sum for each kilometre of completed work and shall be deemed to include for completing all road formation, side drains, berms, excavations, grubbing up roots and vegetation, removal of fences and trees and generally clearing up after consolidation of surfacing of the road.

3. Soling and Haunch Stones.

(a) Soling.

Soling stones to be supplied by the Contractor shall be not less than 20 cms. high and shall be 20 to 30 cms. long and 10 to 15 cms. thick, and will be built into position by hand. Spaces between the courses shall be firmly wedged in by hammers. The stone to be used shall be to an approved sample. The D.E. shall arrange for a sample length of soling to be laid and the Contractor shall execute all work to the standard of the sample length.

(b) Haunch Stones.

Haunch stones shall be not less than 25 cms. high, and shall be laid longitudinally parallel to the road centre, in a trench 5 cms. deep. Haunch stones shall finish flush on top with the consolidated metalled surface and adjacent berm. Any defects in soling or haunch stones appearing after rolling shall be made good by the Contractor.

(c) Rates for soling and haunch stones.

The rates to be paid for soling and haunch stones shall be on the basis of a lump sum for each kilometre of completed work and shall be deemed to include the supply, laying in place, and making good any defects after rolling, of both soling and haunch stones.

4. Surfacing.

(a) Materials and spreading.

The metal to be supplied by the Contractor shall consist of broken stone of hard quality to an approved sample and shall not be less in size than 4 cms. nor greater in size than 6 cms. The broken stone shall be spread evenly over the consolidated soling to a uniform thickness of 5 cms. The Contractor shall attend on the P.W.D. roller during consolidation and shall supply and apply water to the surface during consolidation as required by the D.E. All irregularities in the surface during consolidation shall be made up with broken stone by the Contractor. The Contractor shall provide free of charge blinding material preferably howar or equivalent which shall be the best material available within one kilometre for spreading over the consolidated metal. This blinding shall be spread to a thickness of not less than 3 cms.

(b) Rates for surfacing.

The rates to be paid for surfacing shall be on the basis of a lump sum for each kilometre of completed work and shall be deemed to include the supply and spreading of broken stone and blinding materials, the supply of water and attendance on P.W.D. rollers.

5. Irish Bridges.

(a) Construction.

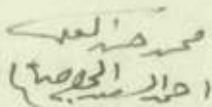
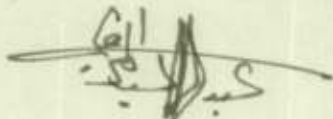
The Contractor shall construct Irish Bridges and approaches thereto to the sizes and dimensions indicated, with dry stone pitching of roughly dressed stones 20 cms. thick, bedded flat with close joints which shall be grouted with 1:3 P.C. mortar. The cost of any materials supplied by the D.E. for the construction of Irish Bridges shall be deducted from the amount of the Contract.

(b) Rates for Irish Bridges.

The rates to be paid for Irish Bridges shall be on the basis of a lump sum for each Irish Bridge and shall be deemed to include all work in connection with the supply of the necessary materials and their construction.

6. Water.

The Contractor shall at his own expense supply all water required for the use of the P.W.D. rollers, for all constructional purposes and for drinking by the Contractor's labourers and P.W.D. personnel.



Work to be done in Arrabeh Village Lands. Length of Road 4.8 Km. approximately, from Junction of Yabed Track towards Fahus.

- | | | | |
|--|-------|------------|-----------------------|
| 1. Supply and stack at roadside good hard approved broken stone broken to 5 cms. gauge and spread to even cambered surface average 7 cms. thick including provision of water as required and provision and spreading of Hower blinding materials to a depth of 3 cms. and including attendance on rollers. Width of metalling between 2.0 metres and 3 metres on existing soling. | 4900 | 080 M.R. | 392.000 |
| 2. <u>Provisional</u> :- Take up and relay where indicated on site haunch stones including provision of new haunch stones if required. | 9800 | 015 | 147.000 |
| 3. Provide to side of road if ordered on site of works good hard approved soling and haunch stones and lay same to replace damaged soling to width of 3.0 metres between haunch stones and lay haunch stones all as specified. Thickness of soling to be not less than 20 cms. and work is to include for taking up and disposal of damaged soling and proper chinking of new soling laid and attendance on rollers. | 600 | 160 M.R. | 80.000 |
| 4. Provide all water for the purposes of the Contract. | 4.900 | 10.000 KM. | <u>42.000</u> 668.000 |

عبد الله
مدير

مدير
مدير

[Signature]
DISTRICT ENGINEER
RAILWAY DEPARTMENT

668.000

PALESTINE GOVERNMENT

Telegraphic Address: "DISENG NABLUS"

Telephone No. 16.

P. O. Box No. 12.

Reference No.

25/39/1.

PUBLIC WORKS DEPARTMENT

OFFICE OF THE

ENGINEER IN CHARGE

NABLUS DISTRICT

NABLUS.

5th September, 1939.

Director of Public Works,
Jerusalem.

Subject :- Construction of Military
Programme Road No. 25/39,
Kafr Ra'i Road.

I enclose, herewith, copies of the following

Agreements:-

1. (a) No. NA/25/39/1 } With Mass'oud Abdur
of 28.8.39. } Rahman Mustafa, Mukhtar of
Fahma Village for the construc-
tion of Road from Kafr Ra'i
Boundary towards Arrabeh
Boundary of Kafr Ra'i Road.
- (b) Amount of } LP.190.-
Agreement }
- (c) Period of } 45 days.
Agreement }
2. (a) No. NA/25/39/2 } With Sa'id Mohammad el
of 28.8.39. } Obeid and Moussa Mustafa el Ali,
Mukhtars of Kafr Ra'i for the
construction of road between
Military Post and Kafr Ra'i and
Fahma Village Boundaries.
- (b) Amount of } LP.217.-
Agreement }
- (c) Period of } 30 days.
Agreement }

Head and Sub-Head of Expenditure is P.W.

Extraordinary XXIX-80 - Security Roads and Tracks - F.A.

No.664.

CENTRAL REGISTRY
File No. 9/136.
7 - SEP. 1939
P.W.D. H. Qm. Jenin

DISTRICT ENGINEER
NABLUS DISTRICT

Copy to:- Actg. District Commissioner, Samaria.

Auditor.

Sub-Accountant, *Nablus*
Jenin.

Foreman, Jenin.

} With copies
} of Agreements.

61/SH.

Entered in "Zn Book" by
5
Entered as "anti" by

AGREEMENT No. NA/25/39/1

AN AGREEMENT made this 28 day of August 1939

between E. J. N. HOLDER

District Engineer Mukhtar District for and on behalf of
the Government of Palestine (hereinafter called the D.E.)

and Said Muhammad Obaid & Houssein
Mustafa el Ali

Mukhtar(s) for and on behalf of the village of Kabr Rai

(hereinafter called the Contractor) for the construction of a

road between Mukhtar Post & Kabr Rai - Jalna village, Sunday
Ka and Ka, Length 2.2 Km. of the Kabr-
Rai Road whereby it is agreed as follows :-

1. In consideration of the moneys to be paid by the D.E. in accordance with the rates set forth in Abstract of Estimate of Cost No. NA/84 dated 24-8-39 attached hereto the Contractor agrees to carry out the works set forth in the said Abstract of Cost in accordance with the conditions set forth in this agreement and the specification attached hereto.
2. The Contractor undertakes to commence the said works on the 1st day of September 1939 and to complete the same on or before the 30th day of September 1939.
3. The Contractor agrees to pay to the D.E. in name of liquidated damages the sum of LP.0.500 mils for each day by which the work remains uncompleted beyond the date specified in the preceding clause.
4. Payments will be made by the D.E. to the Contractor in accordance with measurements agreed and signed by both parties hereto.
5. In the event of undue delay on the part of the Contractor in executing the work the D.E. shall have the right to cancel this agreement and execute the work in any manner he shall think fit.
6. The D.E. shall issue on loan to the Contractor all road making tools necessary for the execution of the work. The

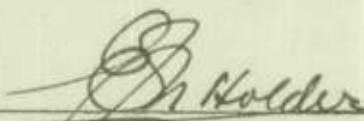
سید محمد الیہ

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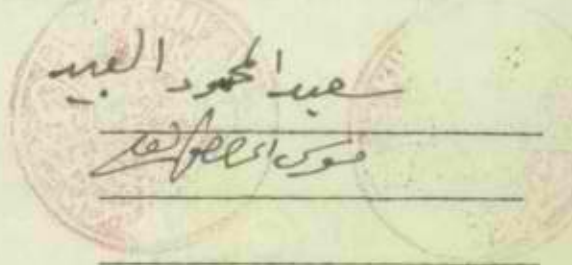
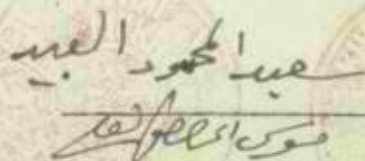
Contractor shall be responsible for returning the said tools to the D.E. in good condition fair wear and tear being allowed. Any deficiencies in the tools returned shall be made good at the expense of the Contractor.

7. The Contractor shall employ labourers from the hamulas of his village in proportion to their numbers. In the event of insufficient labour being available he shall, after obtaining the consent of the District Administration, employ labourers from the nearest village.
8. The amount of work may be increased or decreased at the discretion of the D.E. Notice of such variation shall be given in writing by the D.E. to the Contractor.
9. During the progress of the work the Contractor shall keep on the work a competent Overseer.
10. On completion of the work the Contractor shall clear the site of all rubbish and debris.
11. All accidents which may occur on the work to the Contractor's workmen shall be at once reported to the D.E. or his representative and a statement in writing by three eye witnesses shall be sent to the D.E. by the Contractor. Should the Palestine Government in its unfettered discretion decide that compensation shall be paid it shall be assumed that the daily rate of pay for all workmen employed on the work is 80 mils per day.
12. Any matter in dispute between the parties shall be referred to the Director of Public Works as sole arbitrator whose decision shall be final.

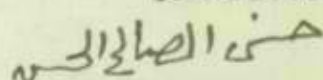
As witness our hands the day and year first above written.


District Engineer
P.W.D. NABLUS DISTRICT


Witness

Contractor



Witness

GENERAL SPECIFICATION

1. Setting Out -

The centre line pegs and all level pegs, required to indicate the alignment and grade of the road shall be set out by the D.E. The contractor shall at his own expense attend upon and supply all labour and assistance required, and shall be responsible for protecting all setting out marks or pegs throughout the period of construction.

2. Formation -

(a) Materials.

The materials required shall be excavated from such places as may be indicated by the D.E. The Contractor shall excavate, transport and consolidate the materials for the formation and berms in accordance with the instructions of the D.E. Except where otherwise ordered by the D.E. the top overall width of the formation shall be 7 metres.

(b) Side drains.

Side drains will be excavated to the widths and depths indicated and all surplus materials shall be disposed of as directed by the D.E.

(c) Subgrade.

The subgrade of the road will be formed by the Contractor to the cambers and levels as set out or indicated.

(d) Back excavation.

All rock excavated shall be set aside for use as soling or metal if so required.

(e) Explosives.

If explosives are used for blasting the cost of the explosives will be borne by the District Engineer under whose supervision all charges will be fired. The Contractor shall at his own expense supply all labour required for drilling and placing charges.

موسى احمد علي عبد الحمود ابيد

2000

(f) Rates for formation.

The rates to be paid for earthwork and road formation shall be on the basis of a lump sum for each kilometre of completed work and shall be deemed to include for completing all road formation, side drains, berms, excavations, grubbing up roots and vegetation, removal of fences and trees and generally clearing up after consolidation of surfacing of the road.

3. Soling and Haunch Stones.

(a) Soling.

Soling stones to be supplied by the Contractor shall be not less than 20 cms. high and shall be 20 to 30 cms. long and 10 to 15 cms. thick, and will be built into position by hand. Spaces between the courses shall be firmly wedged in by hammers. The stone to be used shall be to an approved sample. The D.E. shall arrange for a sample length of soling to be laid and the Contractor shall execute all work to the standard of the sample length.

(b) Haunch Stones.

Haunch stones shall be not less than 25 cms. high, and shall be laid longitudinally parallel to the road centre, in a trench 5 cms. deep. Haunch stones shall finish flush on top with the consolidated metalled surface and adjacent berm. Any defects in soling or haunch stones appearing after rolling shall be made good by the Contractor.

(c) Rates for soling and haunch stones.

The rates to be paid for soling and haunch stones shall be on the basis of a lump sum for each kilometre of completed work and shall be deemed to include the supply, laying in place, and making good any defects after rolling, of both soling and haunch stones.

سید احمد
محمد علی

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Handwritten signature and date: 12/12/80

4. Surfacing.

(a) Materials and spreading.

The metal to be supplied by the Contractor shall consist of broken stone of hard quality to an approved sample and shall not be less in size than 4 cms. nor greater in size than 6 cms. The broken stone shall be spread evenly over the consolidated soling to a uniform thickness of 5 cms. The Contractor shall attend on the P.W.D. roller during consolidation and shall supply and apply water to the surface during consolidation as required by the D.E. All irregularities in the surface during consolidation shall be made up with broken stone by the Contractor. The Contractor shall provide free of charge blinding material preferably howar or equivalent which shall be the best material available within one kilometre for spreading over the consolidated metal. This blinding shall be spread to a thickness of not less than 3 cms.

موسى
عبدالمجيد

(b) Rates for surfacing.

The rates to be paid for surfacing shall be on the basis of a lump sum for each kilometre of completed work and shall be deemed to include the supply and spreading of broken stone and blinding materials, the supply of water and attendance on P.W.D. rollers.

5. Irish Bridges.

(a) Construction.

The Contractor shall construct Irish Bridges and approaches thereto to the sizes and dimensions indicated, with dry stone pitching of roughly dressed stones 20 cms. thick, bedded flat with close joints which shall be grouted with 1:3 P.C. mortar. The cost of any materials supplied by the D.E. for the construction of Irish Bridges shall be deducted from the amount of the Contract.



موسى
عبدالمجيد

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(b) Rates for Irish Bridges.

The rates to be paid for Irish Bridges shall be on the basis of a lump sum for each Irish Bridge and shall be deemed to include all work in connection with the supply of the necessary materials and their construction.

6. Water.

The Contractor shall at his own expense supply all water required for the use of the P.W.D. rollers, for all constructional purposes and for drinking by the Contractor's labourers and P.W.D. personnel.

عبدالمحمد العبد مولى الله



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Work to be done in Kafr Bai Village Lands. Length of Road = 2.2 Km.
approximately between Military Post and Kafr Bai-Pahme Village Boundary.

- | | | | |
|--|------|------------------------|---------|
| 1. Supply and stack at roadside good hard approved metal broken to 5 cms gauge and spread to even cambered surface average 7 cms. thick consolidated including provision of water as required and provision and spreading of Hower blinding material to a depth of 3 cms. and including all attendance on rollers. Width of metalling to be between 2.5 metres and 3.0 metres. on existing soling. | 2200 | 085 M.R. 187.000 | |
| 2. <u>Provisional</u> :- Take up and relay where indicated and where ordered on site haunch stones including provision of new haunch stones if required. | 2000 | 015 M.R. <u>30.000</u> | 217.000 |

عبد المحمود البدر
مدير المهندسين

217.000

[Signature]
S. Holder

AGREEMENT No. NA/ 25/39/2

AN AGREEMENT made this 28th day of August 1939
between E. J. N. HOLDER

District Engineer Nablus District for and on behalf of
the Government of Palestine (hereinafter called the D.E.)
and Massoud Abdel Rahman Mustafa

Mukhtar(s) for and on behalf of the village of Jahna

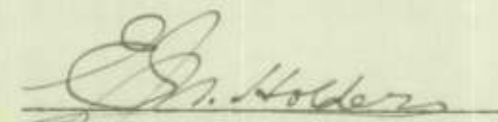
(hereinafter called the Contractor) for the construction of a
From Kafr Rai Boundary towards Arabah Boundary
road ~~between Km. 14 and Km. 2.000 Km.~~ of the Kafr -
Rai Road whereby it is agreed as follows :-

1. In consideration of the moneys to be paid by the D.E. in accordance with the rates set forth in Abstract of Estimate of Cost No. NA/85 dated 24-7-39 attached hereto the Contractor agrees to carry out the works set forth in the said Abstract of Cost in accordance with the conditions set forth in this agreement and the specification attached hereto.
2. The Contractor undertakes to commence the said works on the 1st day of September 1939 and to complete the same on or before the 15th day of October 1939.
3. The Contractor agrees to pay to the D.E. in name of liquidated damages the sum of LP.0.500 mils for each day by which the work remains uncompleted beyond the date specified in the preceding clause.
4. Payments will be made by the D.E. to the Contractor in accordance with measurements agreed and signed by both parties hereto.
5. In the event of undue delay on the part of the Contractor in executing the work the D.E. shall have the right to cancel this agreement and execute the work in any manner he shall think fit.
6. The D.E. shall issue on loan to the Contractor all road making tools necessary for the execution of the work. The

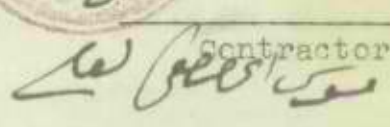
Contractor shall be responsible for returning the said tools to the D.E. in good condition fair wear and tear being allowed. Any deficiencies in the tools returned shall be made good at the expense of the Contractor.

7. The Contractor shall employ labourers from the hamulas of his village in proportion to their numbers. In the event of insufficient labour being available he shall, after obtaining the consent of the District Administration, employ labourers from the nearest village.
8. The amount of work may be increased or decreased at the discretion of the D.E. Notice of such variation shall be given in writing by the D.E. to the Contractor.
9. During the progress of the work the Contractor shall keep on the work a competent Overseer.
10. On completion of the work the Contractor shall clear the site of all rubbish and debris.
11. All accidents which may occur on the work to the Contractor's workmen shall be at once reported to the D.E. or his representative and a statement in writing by three eye witnesses shall be sent to the D.E. by the Contractor. Should the Palestine Government in its unfettered discretion decide that compensation shall be paid it shall be assumed that the daily rate of pay for all workmen employed on the work is 80 mils per day.
12. Any matter in dispute between the parties shall be referred to the Director of Public Works as sole arbitrator whose decision shall be final.

As witness our hands the day and year first above written.


District Engineer
P.W.D. NABLUS DISTRICT


Witness


مديرية سبيل الرحمة
مخبر
Contractor

Witness

GENERAL SPECIFICATION

1. Setting Out -

The centre line pegs and all level pegs, required to indicate the alignment and grade of the road shall be set out by the D.E. The contractor shall at his own expense attend upon and supply all labour and assistance required, and shall be responsible for protecting all setting out marks or pegs throughout the period of construction.

2. Formation -

(a) Materials.

The materials required shall be excavated from such places as may be indicated by the D.E. The Contractor shall excavate, transport and consolidate the materials for the formation and berms in accordance with the instructions of the D.E. Except where otherwise ordered by the D.E. the top overall width of the formation shall be 7 metres.

(b) Side drains.

Side drains will be excavated to the widths and depths indicated and all surplus materials shall be disposed of as directed by the D.E.

(c) Subgrade.

The subgrade of the road will be formed by the Contractor to the cambers and levels as set out or indicated.

(d) Back excavation.

All rock excavated shall be set aside for use as soling or metal if so required.

(e) Explosives.

If explosives are used for blasting the cost of the explosives will be borne by the District Engineer under whose supervision all charges will be fired. The Contractor shall at his own expense supply all labour required for drilling and placing charges.

(f) Rates for formation.

The rates to be paid for earthwork and road formation shall be on the basis of a lump sum for each kilometre of completed work and shall be deemed to include for completing all road formation, side drains, berms, excavations, grubbing up roots and vegetation, removal of fences and trees and generally clearing up after consolidation of surfacing of the road.

3. Soling and Haunch Stones.

(a) Soling.

Soling stones to be supplied by the Contractor shall be not less than 20 cms. high and shall be 20 to 30 cms. long and 10 to 15 cms. thick, and will be built into position by hand. Spaces between the courses shall be firmly wedged in by hammers. The stone to be used shall be to an approved sample. The D.E. shall arrange for a sample length of soling to be laid and the Contractor shall execute all work to the standard of the sample length.

(b) Haunch Stones.

Haunch stones shall be not less than 25 cms. high, and shall be laid longitudinally parallel to the road centre, in a trench 5 cms. deep. Haunch stones shall finish flush on top with the consolidated metalled surface and adjacent berm. Any defects in soling or haunch stones appearing after rolling shall be made good by the Contractor.

(c) Rates for soling and haunch stones.

The rates to be paid for soling and haunch stones shall be on the basis of a lump sum for each kilometre of completed work and shall be deemed to include the supply, laying in place, and making good any defects after rolling, of both soling and haunch stones.



4. Surfacing.

(a) Materials and spreading.

The metal to be supplied by the Contractor shall consist of broken stone of hard quality to an approved sample and shall not be less in size than 4 cms. nor greater in size than 6 cms. The broken stone shall be spread evenly over the consolidated soling to a uniform thickness of 5 cms. The Contractor shall attend on the P.W.D. roller during consolidation and shall supply and apply water to the surface during consolidation as required by the D.E. All irregularities in the surface during consolidation shall be made up with broken stone by the Contractor. The Contractor shall provide free of charge blinding material preferably howar or equivalent which shall be the best material available within one kilometre for spreading over the consolidated metal. This blinding shall be spread to a thickness of not less than 3 cms.

(b) Rates for surfacing.

The rates to be paid for surfacing shall be on the basis of a lump sum for each kilometre of completed work and shall be deemed to include the supply and spreading of broken stone and blinding materials, the supply of water and attendance on P.W.D. rollers.

5. Irish Bridges.

(a) Construction.

The Contractor shall construct Irish Bridges and approaches thereto to the sizes and dimensions indicated, with dry stone pitching of thoroughly dressed stones 20 cms. thick, bedded flat with close joints which shall be grouted with 1:3 P.C. mortar. The cost of any materials supplied by the D.E. for the construction of Irish Bridges shall be deducted from the amount of the Contract.

(b) Rates for Irish Bridges.

The rates to be paid for Irish Bridges shall be on the basis of a lump sum for each Irish Bridge and shall be deemed to include all work in connection with the supply of the necessary materials and their construction.

6. Water.

The Contractor shall at his own expense supply all water required for the use of the P.W.D. rollers, for all constructional purposes and for drinking by the Contractor's labourers and P.W.D. personnel.

Work to be done in Fehsa Village Lands. Length of Road Km. 2.00
from Kafir Bai Boundary towards Arrabeh Boundary.

1. Supply and stack at road side good hard approved broken stone broken to 5 cms. gauge and spread to even cambered surface average 7 cms. thick *consolidated* including provision of water as required and provision and spreading of Hower blinding materials to a depth of 3 cms. and including attendance on rollers. Width of metalling to be between 2.0 metres and 3.0 metres on existing soling.

090 M.R. 160.000

2. Provisional:- Take up and relay where indicated on site heunch stones including provision of new heunch stones if required.

2000

by
0.015
150 M.R. 30.000 190.000

190.000

[Signature]
D. D. HADLOS DISTRICT

9/122/2

August 24th, 1939

District Engineer,
Nablus District

Subject : Military Roads Programme 1939-1940.

Reference: My 9/122 dated 10-8-1939.

I forward herewith Financial Allocation No.664 for LP.16,850 being a Financial Allocation on account for the construction of the roads referred to in paragraph 2 of my letter under reference. The funds now allocated are intended to allow you to put in hand works on the following roads :

<u>Serial</u>	<u>Total amount</u> LP.	<u>Funds now issued</u> LP.
17/39	7,200	3,600
19/39	7,700	3,850
21/39	9,000	4,500
23/39	6,900	3,500
25/39	<u>1,400</u>	<u>1,400</u>
	<u>32,200</u>	<u>16,850</u>

2. It is essential that these roads should be completed in time for use during the next wet season. You should therefore make arrangements for their commencement as soon as possible.

3. As regards Road Serial No.21/39 Nablus - Qalqilya a special effort should be made to complete the five kilometres at the western end as soon as possible i.e. the first five kilometres from Qalqilya eastwards towards Nablus.

I should be glad if you would inform me of the date on which you anticipate you will require additional funds, and the amounts required for each road, in order

that I can make application for further funds if necessary. As will be seen from the following paragraph such information will in any case be required by 7-10-1939.

5. In conveying approval for this further programme the Secretary of State for the Colonies has instructed that a report is to be submitted by the High Commissioner on the progress made and the expenditure incurred up to 30-9-1939. You should therefore submit to me not later than 7th October a detailed statement in respect of each road in the Military Programme showing :

- (a) the percentage of work completed,
- (b) the expenditure incurred to 30-9-1939,
- (c) the commitments at 30-9-1939,
- (d) the balance of funds required for completion.

Sgd. V. Kenniff

f. DIRECTOR OF PUBLIC WORKS

Copy to: 9/133

9/134

9/135

9/67

9/136 ✓

9/122

August 10th, 1939.

District Engineer,
Nablu District.

Subject : Military Roads Programme
1939-1940.

Reference: My No.9/122 of 19.6.1939. -2

With reference to the schedule of additional military security roads to be constructed during 1939-1940, which formed an enclosure to my letter under reference the approval of the Secretary of State has now been received for further expenditure on these additional roads, subject to certain amendments.

2. The following is a list of the roads the construction of which is to be undertaken in your district, and you are now authorised to commence work on all roads shown in the list provided you are satisfied that the work to the standard required under column (c) "Conditions and Proposed Work", in the schedule referred to in paragraph 1 above can be executed for the funds, which have been authorised, as shown opposite each road in the following list. The necessary Financial Allocations will follow. In any case where you consider the funds provided will be insufficient you should study the requirements for the work as set out in the schedule, and carefully review your estimate in an endeavour to bring the work within the funds, as it is unlikely that increased provision will be made available. Should you still consider you are unable to do the work for the money, you should at once report to this office, and

not undertake the work on the particular road pending further instructions :

<u>Serial No.</u>	<u>From</u>	<u>To</u>	<u>Funds provided LP.</u>
17/39	Karkur Police Post.	Tulkarm	7,200
N.B. About 1 km. of this road lies in Haifa District but the whole will be constructed by Nablus District.			
19/39	Wady Bidan	Km.104 Nablus- Jenin Road.	7,700
21/39	Nablus	Qalqilya	9,000
23/39	Nablus	Jiftlik	6,900
25/39	Km.99 Nablus- Jenin Road.	Kafr Rai	1,400
			<u>LP. 32,200</u> =====

3. Monthly progress returns should be furnished as for other roads in the Military Programme.

Sgd. V. Kenniff
for DIRECTOR OF PUBLIC WORKS.

Copy to: 9/122/2
9/133
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9/135
9/67
9/136. ✓

REFERRED TO 1.4

5.

9/122

June 19th, 1939.

District Engineer
Jerusalem District
Jaffa District.
Haifa District.
Nazareth District.
Nablus District.

Copy for 9/136

Subject:- Military Roads Programme 1939-1940.

Reference:- My 9/122 dated 14.6.1939.

In paragraph 1 of my above letter reference is made to the probable construction during 1939/1940 of roads additional to those detailed in paragraph 4 of the same letter.

2. I attach a schedule of these additional roads, lying wholly or partly in your district. The schedule has been submitted by Force Headquarters to Government and the authority of the Secretary of State has been requested for the provision of funds.

3. In certain cases you have already furnished estimates for these roads, and a note has been added to the schedule giving a reference to your estimate, in all cases where an estimate has been received in this office.

4. You should now carefully study the schedule and in particular the columns relating to "conditions and proposed work" and "estimate". The columns repeat the details submitted to Government by Force Headquarters and should form the basis of your new or revised estimates. It should be borne in mind that in general in the 18th Military Division any security roads constructed in 1938-1939 at a width of 2.5 metres will be metalled at this width and no widening of such roads is included in the programme.

5. I should be glad if you would now furnish estimates for the roads shown in the schedule to give effect to the

requirements of Force Headquarters for the proposed work. In cases where estimates have already been furnished to this office you should confirm the estimates giving a reference to your original estimate.

6. As indicated in my No. 9/122 of 14.6.1939 all roads must in future be referred to by their serial numbers.

Sgd. V. KENNIFF

FOR DIRECTOR OF PUBLIC WORKS

Copy to: 9/122/1
9/122/2
9/122/3
9/122/4
9/122/6
and respective road files.

REFERRED TO f.3

HABLUS DISTRICT

Priority & Serial Number (a)	Route (b)		Conditions & Proposed Work (c)	Length Mts. (d)	Estimate L.P. (e)	Remarks (f)
	From	To				
13/39	Magidco	Affule	Track in summer over co ton soil. Bring to all weather 3 m. standard specification.	10	7,500	See also L.P.'s notes of tour of 3-6-1939.
15/39	Jinsafut	Kafr Herria	Track exists for 3 kilos only. Make a dry weather track.	12	1,000	If the labour is used cost is estimated to be L.P. 300. See also L.P.'s notes of tour on 3-6-1939. Your estimate 2/8/3 of 16-2-39 item 14.
17/39	Karkur Po- lice Post	Tulkema	Soled road to be metalled, width 2 1/2 m. and passing places constructed.	21	7,200	Your estimate 2/8/3 of 16-2-39 item 5.
19/39	Kedi Bedan	Km. 10 1/4, He- blus-Jenin Road	Bring to all weather standard 2 1/2 m. with passing places.	31.2	7,700	Via Tubas and Abatiya. This means Kedi 2 1/4 m. 10 1/4, Hablus Jenin Abatiya - estimate 2/8/3 of Road. Your estimate 2/8/3 of 16-2-1939 item 7 and 7a.
21/39	Hablus	Qelqilya	Bring to all weather metalled standard 2 1/2 m.	32	9,000	Your estimate 2/8/3 of 16-2-39 item 9.
22/39	Hablus	Jirtlik	Requires new soling in parts and metalling and raising for 3 kilos.	38.5	6,900	Via Kedi Bedan. Your esti- mate 2/8/3 of 16-2-39 item 11.
25/39	K. 99 Hablus Jenin Road.	Kafr Zai	Bring to 2 1/2 m. metalled A.S. standard specification with passing places.	9	1,400	Your estimate 2/8/3 of 16-2-39 item 8.

